Product Overview
2011 / 2012

BERG & SCHMID

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About us

Berg & Schmid GmbH

This name stands for an owner-managed company with its headquarters in Remseck, Baden-Württemberg. Founded in the early days of the economic miracle, Berg & Schmid has been managed by several generations of the Schmid family. In the year 2007, Stefan Schmid handed over the company and its management to Hans-Peter Sebald from Sebald Schleifscheiben [www.sebald-schleifscheiben.de], a known expert in the field of cutting technique. Our products are used worldwide and are mainly distributed in Germany as well as Switzerland, Austria and the Czech Republic.

Our business activities and strengths

- Our sawing machine portfolio includes band and circular saws, from the workshop machine to high-performance production saws up to high-performance automatic sawing machines and can be found in any locations where availability, quiet running and a long service life are required.
- Our aim is to reduce your electricity costs. In order to do so, we offer and develop sawing machines with highly efficient cutting and drive systems. Higher cutting performances with less energy consumption!
- In the following product overview we are presenting a number of the technical and quality characteristics of our products in order to provide you with comprehensive product information. We have nothing to hide!

Partnership with Berg & Schmid

The strength of a partnership with Berg & Schmid lies in the high reliability of the products, the flexibility of the company and in the extensive know how of small to large-scale sawing machines. This is due to the fact that we have been working with metal sawing machines for over 50 years. The satisfaction of our customers and their requirements have challenged our innovations for larger and larger projects which gave us a large number of reference customers. Today we are "The Partner" for workshops and large scale industry who is familiar with the standard requirements of the respective technological needs, from the technology for a building site saw up to a large-scale sawing system for the large-scale industry - and this in the areas of both metal-light alloy and stainless steel.

Our product range is divided into three areas:

The "Eco-Line Range", "Master-Line Range" and "Industry Range":

- The Eco-Line Range is essential for all workmen who have to use machines flexibly and well-priced directly at the building and construction site.
- The Master-Line Range offers metal saws equipped and produced in high quality for handicraft and business enterprises and for service stations in industrial enterprises. Our saws can be used for both solids and profile bar due to their design and the high-quality components. You do not have to accept reductions in cross-section.
- The Industry Range (our main range) offers industrial high-performance sawing machines which are built for multi shift operation due to their design. In addition, these machines are designed in such a way that even for highest cutting performances, a minimum of wear parts is used which reduces your cutting costs.

In general, when selecting and manufacturing the sawing machines, we pay special attention to the highest performance in the areas of saw band tension, precision for cutting quality and the feed rate of the material transport, to the reproducibility of the previously mentioned characteristics, to quiet running, the service live of a tool, ease of use, ergonomics and safety.

We offer you a technical and commercial solution customised to your requirements. For this reason, we are supporting you with an extensive range, with planning, construction, project planning, implementation and first-hand service in the technical field and offer everything from renting, leasing and buying in the commercial field.

Business philosophy and environment protection

The benchmark of our actions are customer satisfaction, customer's benefit and employee satisfaction. We see these three interest groups as a team with the same standard which is "quality results from a smooth and appreciating cooperation in consideration of the project requirements and technical possibilities". At this, we pay special attention to quiet running, ergonomics, clear arrangements, service availability and of course the service life of the machine and tools.

To us, this also means environment protection. Practice-oriented applicability and usability of the machine and tools result in a high service life at a minimum demand in wear parts; this saves resources and protects the environment. But in our company, protection of the environment does not stop there, we also use recycling paper, pencils and textile bags and provide you with spare parts for our machines for a remarkably long time period.

Make Berg & Schmid the company of your choice –

We are looking forward to meeting you

Yours sincerely

Hans-Peter Sebald Johann Bauer

service@bergundschmid.de

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BERG & SCHMID SÄGETECHNIK
...the future has started

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Eco-Line

Very quick and smooth sawing through finest drive technology. Double motor monitoring for wet and dry cuttings up to 60° mitre.

Ecoline – indispensable at the building site...

B&S - the ve

Quality: 1. We measure th
the limit value is reached (pro
2. In case of a thermal overload, a switc

High Security standard (Accident prevention regulation)
- Sawband cover controlled electronically

Gear drive / helical gearing
- High power transmission
- More evenly transmission of the torque

Stepless speed controller

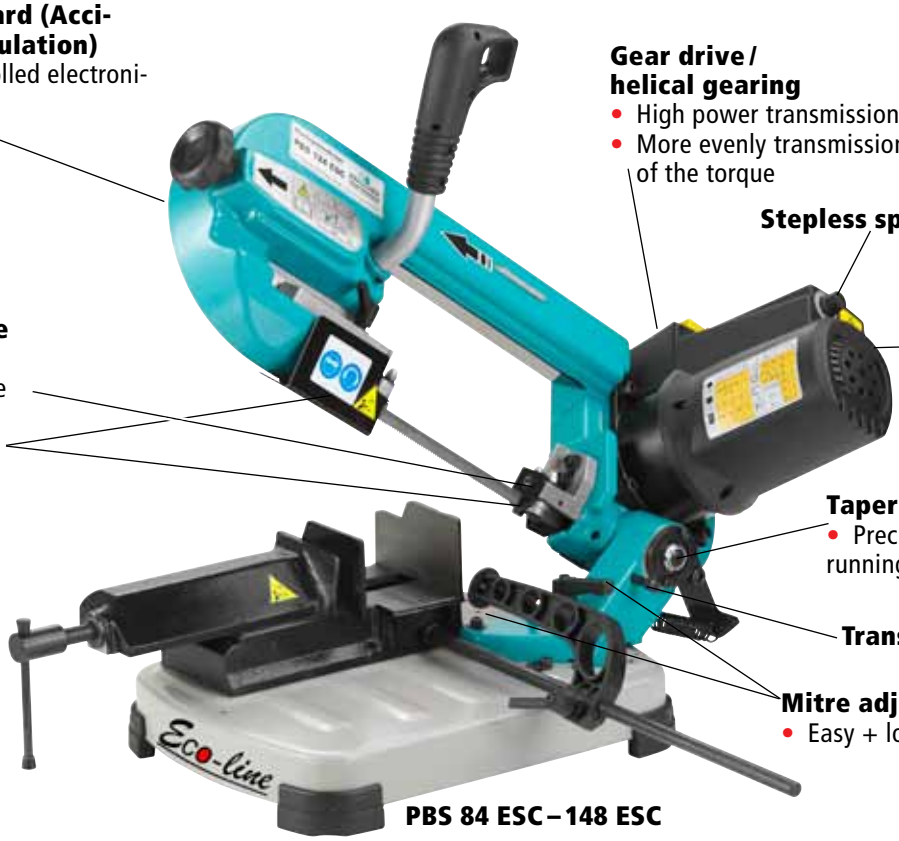
High-performance motor patent; with double protection
a) Overload protection
b) Thermal protection

High-quality, reliable saw band guiding
- Initial stabiliser / Baffle
- 4-fold roller guidings lateral and additional
- 2 Back roller guides

Taper roller bearing
- Precision-smooth running-long life cycle

Transport lock

Mitre adjustment
- Easy + long-lasting



PBS 84 ESC – 148 ESC

Cutting areas	○	□	▭	○	□	▭	○	□	▭
90°	90	85	100 x 85	90	85	100 x 85	125	125	130 x 125
45° left	65	65	60 x 65	65	65	60 x 65	80	80	80 x 80
60° left							50	50	50 x 50

Technical data	PBS 84	PBS 84 ESC	PBS 124 ESC
Saw drive 230 V / 50 Hz	850 W	850 W	1.2 kW
Saw band speed	30 + 70 m/min.	30 - 80 m/min.	30 - 80 m/min.
Saw band dimensions	1,335 x 13 x 0.65 mm	1,335 x 13 x 0.65 mm	1,440 x 13 x 0.65 mm
Floor space (D x W)	310 x 650 mm	310 x 650 mm	350 x 690 mm
Weight approx.	18 kg	18 kg	19 kg
Order no.	20 307	20 303	20 313
Prices € plus VAT	**373.00**	**415.00**	**557.00**

Universal bi-metal saw bands box (3 items)

	Order no.	€ plus VAT	Order no.	€ plus VAT	Order no.	€ plus VAT
4 tpi					21 945	**52.00**
6 - 10 tpi	21 940	**49.00**	21 940	**49.00**	21 946	**52.00**
8 - 12 tpi	21 942	**49.00**	21 942	**49.00**	21 947	**52.00**
10 - 14 tpi					21 948	**52.00**
14 tpi	21 944	**49.00**	21 944	**49.00**		
18 tpi	21 938	**49.00**	21 938	**49.00**	21 949	**52.00**

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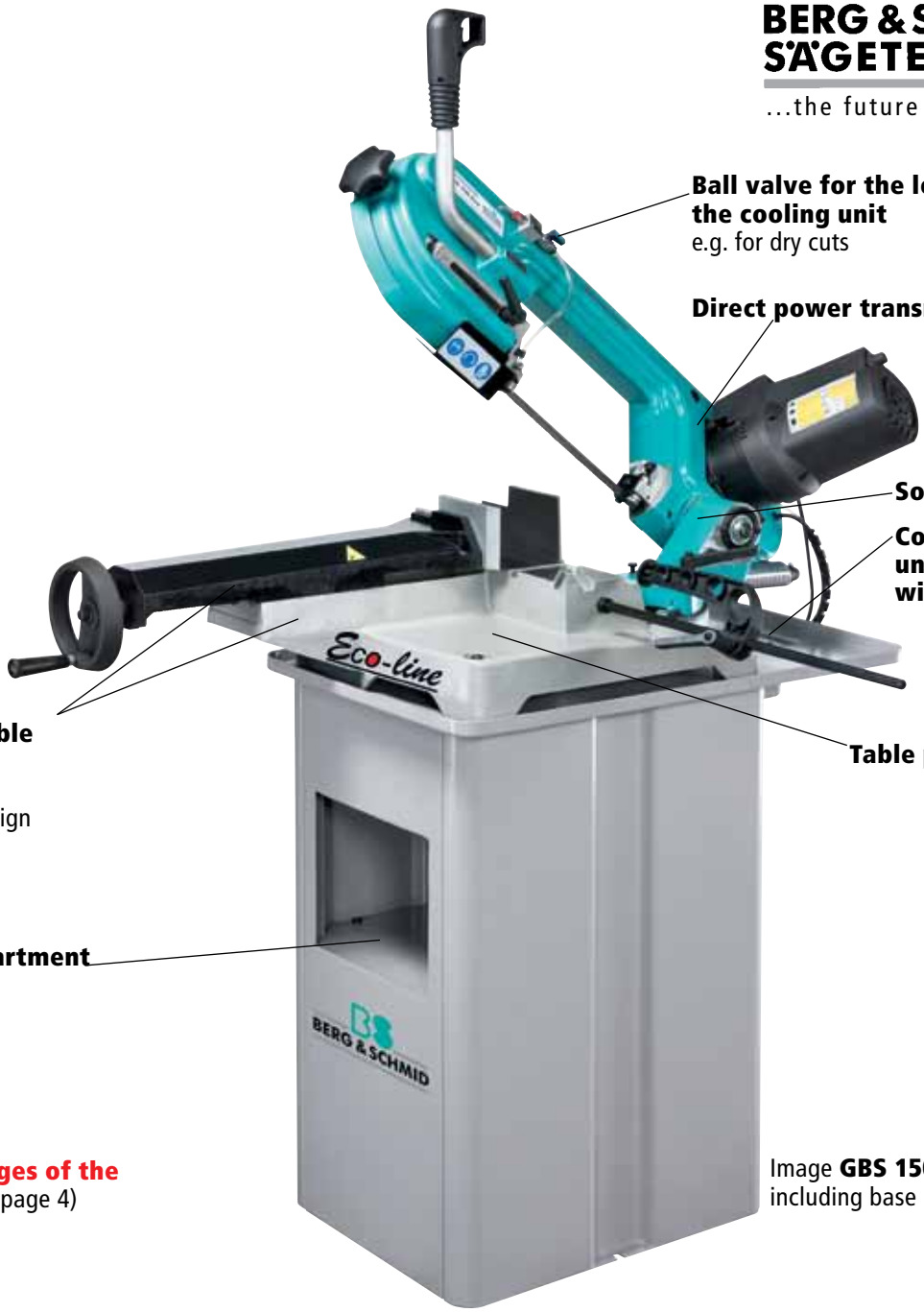
he power input and switch off if
otection against gearbox failure).
h-off is effected by the thermo controller



Ball valve for the locking of the cooling unit
e.g. for dry cuts

Direct power transmission

Solid

Coolant unit with pump

Cast vice and table
- Solid
- High stability
- Heavy, stable design

Table pan

Tool compartment

Plus all advantages of the PBS 124 ESC (see page 4)

Image **GBS 150 Eco** including base

Cutting areas	○	□	▭	○	□	▭
90°	150	140	150 x 140	150	140	150 x 140
45° left	100	90	100 x 90	100	90	100 x 90
60° left	70	65	65 x 70	70	65	65 x 70

Technical data	**PBS 148 ESC**	**GBS 150 Eco**
Saw drive 230 V / 50 Hz	1.5 kW	1.5 kW
Saw band speed	30 - 80 m/min.	30 - 80 m/min.
Saw band dimensions	1,735 x 13 x 0.9 mm	1,735 x 13 x 0.9 mm
Floor space (D x W)	430 x 900 mm	430 x 1,000 mm
Weight	30 kg	106 kg
Order no.	20 323	20 324
Prices € plus VAT	**821.00**	**1,029.00**

Universal bi-metal saw bands price per item

	Order no.	**€** plus VAT	**Order no.**	**€** plus VAT
4 tpi	21 950	**23.00**	21 950	**23.00**
6 - 10 tpi	21 952	**23.00**	21 952	**23.00**
8 - 12 tpi				
10 - 14 tpi				
14 tpi	21 954	**23.00**	21 954	**23.00**
18 tpi				

Master-Line

The robust ones for the specialist - patented!

The Masterline design is a high-performance and especially robust masonry bench saw.

It includes all positive performance and quality characteristics of the Eco-Line Range, plus in addition:

- Easy Change carbon brushes
- High-performance special saw table /base plate
- Industrial hand grip
- Special ventilation system
- Saw band guide rollers "rubber-free"
- Intelligent structural casting + still light for the! construction site

▶ Literally highest quality

Stepless speed controller
(protected in the cover)

New development Motor additionally with »Easy change« carbon brushes

High-performance motor patent; with double protection
a) Overload protection
b) Thermal protection

Tapered roller bearing
- Precision-smooth running-long life cycle

PBS 90 – 130

Rubber bases,
integrated and tight

Torsion-free saw table
aluminium die casting with additional bars

- Easy, clear mitre adjustment

B&S - the ve

Quality: 1. We measure th
the limit value is reached (pro
2. In case of a thermal overload, a switc

Cutting areas	○	□	▭	○	□	▭
90°	90	85	100 x 85	110	110	130 x 110
45° left	65	65	60 x 65	85	85	85 x 85
60° left				60	60	60 x 70

Technical data	PBS 90 ESC	PBS 110 ESC
Saw drive 230 V / 50 Hz	950 W	1.05 kW
Saw band speed	30 – 80 m/min.	30 - 80 m/min.
Saw band dimensions	1,335 x 13 x 0.65 mm	1,440 x 13 x 0.65 mm
Floor space (D x W)	310 x 650 mm	350 x 690 mm
Weight	18 kg	19 kg
Order no.	20 309	20 311
Prices € plus VAT	457.00	516.00

Universal bi-metal saw bands box (3 items)

	Order no.	€ plus VAT	Order no.	€ plus VAT
4 tpi			21 945	**52.00**
6 - 10 tpi	21 940	**49.00**	21 946	**52.00**
8 - 12 tpi	21 942	**49.00**	21 947	**52.00**
10 - 14 tpi			21 948	**52.00**
14 tpi	21 944	**49.00**		
18 tpi	21 938	**49.00**	21 949	**52.00**

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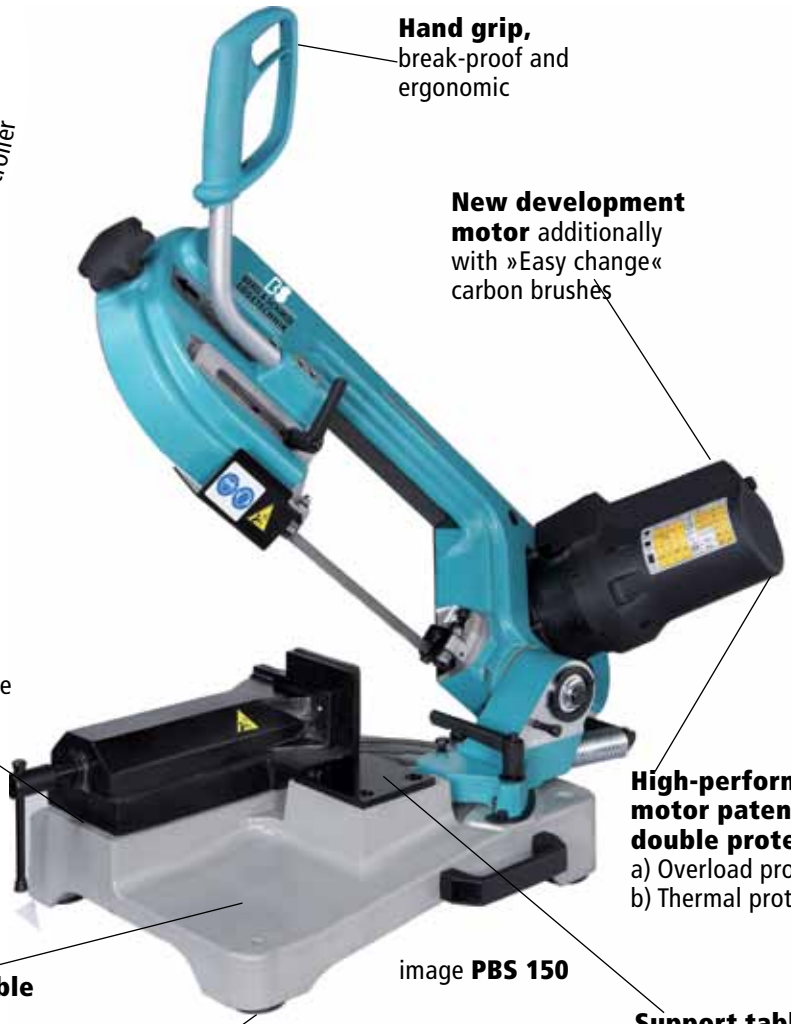

Hand grip,
break-proof and ergonomic

New development motor additionally with »Easy change« carbon brushes

Saw table
rough-worked precisely for the safe application of the vice and saw

High-performance motor patent; with double protection
a) Overload protection
b) Thermal protection

image **PBS 150**

Torsion-free saw table
aluminium die casting with additional bars

Support table
no falling material

Rubber bases,
integrated and tight

- Protected speed control
- Break-proof motor housing
- Sophisticated ventilation system

- Solid mitre cuts through large holding torque
- Break-proof handle

Manual

Cutting areas	○	□	▭	○	□	▭
90°	130	130	130 x 125	150	140	150 x 140
45° left	85	85	85 x 85	100	90	100 x 90
60° left	60	60	60 x 50	70	65	65 x 70

Technical data	PBS 130 ESC	PBS 150 ESC
Saw drive 230 V / 50 Hz	1.2 kW	1.5 kW
Saw band speed	30 - 80 m/min.	30 - 80 m/min.
Saw band dimensions	1,440 x 13 x 0.65	1,735 x 13x0.9
Floor space (D x W)	350 x 690 mm	430 x 900 mm
Weight	19 kg	30 kg
Order no.	20 317	20 325
Prices € plus VAT	597.00	879.00

Universal bi-metal saw bands box (3 items)

	Order no.	€ plus VAT	Order no.	€ plus VAT
4 tpi	21 945	**52.00**	21 950	**23.00**
6 - 10 tpi	21 946	**52.00**	21 952	**23.00**
8 - 12 tpi	21 947	**52.00**		
10 - 14 tpi	21 948	**52.00**		
14 tpi			21 954	**23.00**
18 tpi	21 949	**52.00**		

Master-Line

The high-performance saw for the workshop ...

- Solid design
- Easy to handle
- Clearly arranged
- With the equipment of an industrial saw

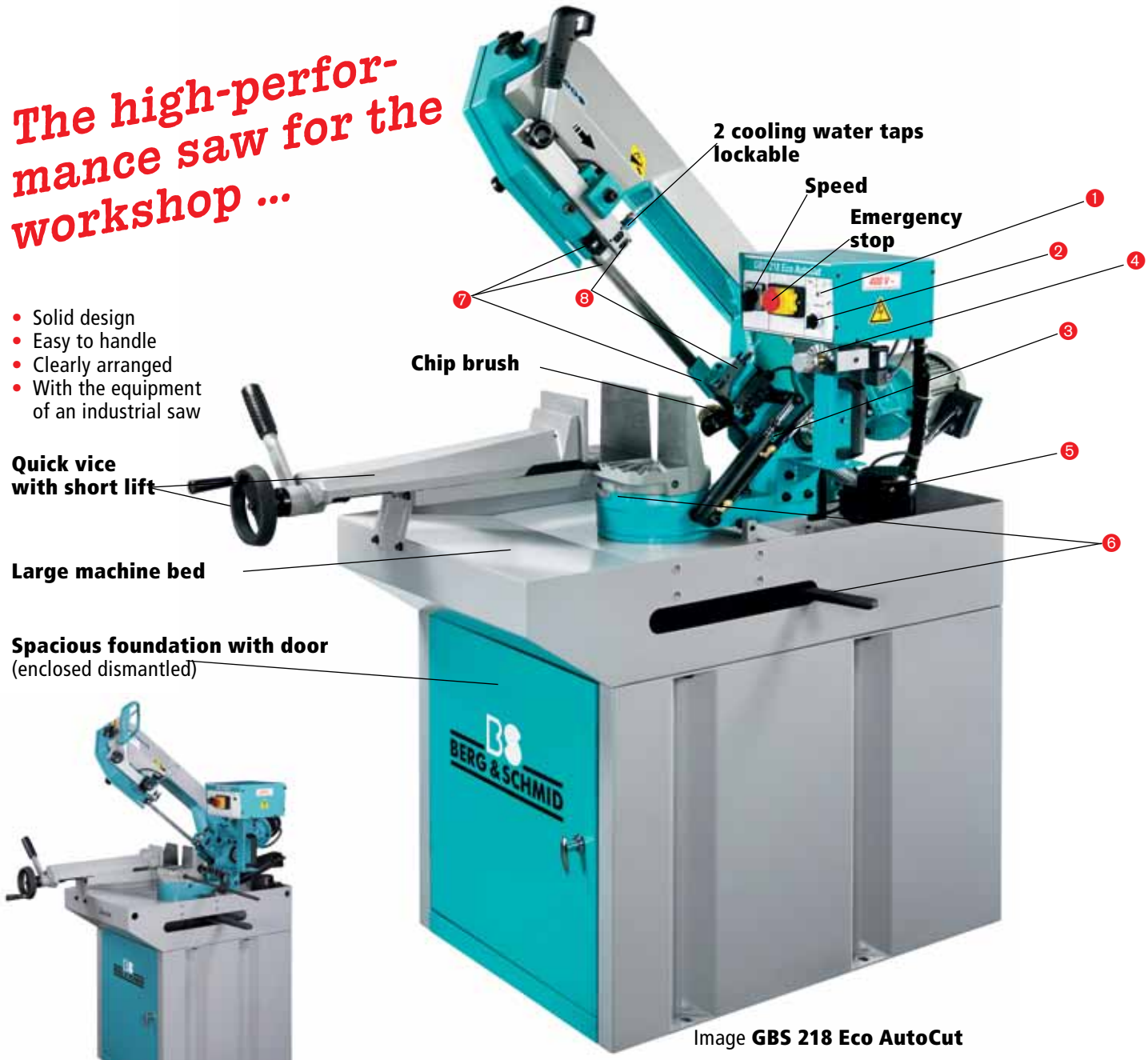

Image **GBS 185 M**

Image **GBS 218 Eco AutoCut**

Cutting areas	●	■	▬	●	■	▬	●	■	▬
90°	185	180	200 x 150	185	180	200 x 150	185	180	200 x 150
45° left	110	110	110 x 110	110	110	110 x 110	110	110	110 x 110
60° left	70	70	70 x 70	70	70	70 x 70	70	70	70 x 70

Technical data	**GBS 185 M**		**GBS 185 Eco AutoCut**	**GBS 185 Eco AutoCut**
Saw drive	400V/0.8 kW // 230V/2500W		400V/0.8 kW	230V/2500W
Saw band speed	35 + 70 or 30 - 80 m/min.		35 +70 m/min.	30 - 80 m/min.
Saw band dimensions	2085 x 20 x 0.90 mm		2085 x 20 x 0.90 mm	2085 x 20 x 0.90 mm
Floor space (D x W x H)	600 x 1200 x 1700 mm		600 x 1200 x 1700 mm	600 x 1200 x 1700 mm
Weight	205 kg		205 kg	205 kg
Order no.	20 331	20 330	20 333	20 332
Prices € plus VAT	**1,660.00**	**1,524.00**	**1,961.00**	**1,868.00**

Universal bi-metal saw bands price per item

	Order no.	€ plus VAT	**Order no.**	€ plus VAT	**Order no.**	€ plus VAT
3 tpi	21 926	**25.00**	21 926	**25.00**	21 926	**25.00**
3 - 4 tpi						
4 - 6 tpi	21 927	**25.00**	21 927	**25.00**	21 927	**25.00**
5 - 8 tpi	21 928	**25.00**	21 928	**25.00**	21 928	**25.00**
6 - 10 tpi	21 929	**25.00**	21 929	**25.00**	21 929	**25.00**
8 - 12 tpi	21 930	**25.00**	21 930	**25.00**	21 930	**25.00**
10- 14 tpi	21 931	**25.00**	21 931	**25.00**	21 931	**25.00**

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❶ Electrical monitoring of
- Band tension + band break
- Saw band cover. Saw only works when OK.

❷ AutoCut-System (1 switch for all functions):
A. Check flaw / Lower in standstill / check mitre
B. Manal cutting / notching cuts
✧ **Cut automatically**

❸ AutoCut-Guiding cylinder
- Saw frame stops independently in each intermediate position
- In case of a possible band break, the saw frame stops at its position
- Industrial brake cylinders
- Guarantees time savings and safety

❹ Feed control valve / cutting pressure
- Set up once – done – (standard cuts)
- Clearly arranged, ergonomic, elegant
- Stepless

❺ Coolant pump

❻ Mitre adjustment / display

❼ Saw band - lateral guide
- 4-fold roller guiding
- Initial stabilisation through inlet baffle
- Hard metal plates from GBS 218 due to the band size

❽ Saw band - back guide
- Dual roller guiding

Order no. 19 503 — € plus VAT
Starter-Kit (GBS 218) **115.00**
for sawing machines with standard cooling
3 saw bands 6 - 10 tpi
5 Litre coolant concentrate

The accessories if you are working
without oil-water cooling or if you need both:
Automatic minimum lubrication amounts

B&S Coolmatic Eco-Line
- Eco-friendly through minimum consumption of the cooling lubricant (approx. 8-15 ml per hour)
- Optimum support of the chip removal. No subsequent cleaning processes for the further processing of the work piece. Pmax 6 bar
- No water in the pipes

B & S COOLMATIC Eco-Line
Micro spraying system 24 V/AC for GBS 185, GBS 218 including 1 l fluid, spray head and holder — Order no. 20 622 — **515.00**

Micro spraying system 230 V for GBS 150 — 20 624 — **515.00**
B&S COOLMATIC fluid 1 l bottle — 20 660 — **24.00**
5 l canister — 20 661 — **101.00**

B&S Super Cool coolant concentrate for integrated standard cooling
water soluble from 1:5 to 1:15 5 l canister, — 20 805 — **57.00**
10 l canister — 20 810 — **101.00**

Cutting areas	●	■	▬	●	■	▬	●	■	▬	●	■	▬
90°	220	210	230 x 185	220	210	230 x 185	220	210	230 x 185	240	230	270 x 230
45° left	150	150	150 x 210	150	150	150 x 210	150	150	150 x 210	210	200	200 x 230
60° left	90	90	90 x 100	90	90	90 x 100	90	90	90 x 100	130	130	130 x 200

Technical data	GBS 218 M	GBS 218 Eco AutoCut	GBS 218 Eco AutoCut	GBS 240 AutoCut
Saw drive	400V/1.2 kW	400V/1.2 kW	400V/1.2 kW	400V/1.2 kW
Saw band speed	35 + 70 m/min.	35 + 70 m/min.	30 – 80 m/min.	35 + 70 m/min.
Saw band dimensions	2,455 x 27 x 0.9 mm	2,455 x 27 x 0.9 mm	2,455 x 27 x 0.9 mm	2,700 x 27 x 0.9 mm
Floor space (D x W x H)	600 x 1200 x 1700 mm	600 x 1200 x 1700 mm	600 x 1200 x 1700 mm	600 x 1200 x 1700 mm
Weight	240 kg	240 kg	240 kg	260 kg
Order no.	20 341	20 342	20 343	20 345
Prices € plus VAT	2,080.00	2,418.00	2,845.00	2,980.00

Universal bi-metal saw bands price per item

	Order no.	€ plus VAT	Order no.	€ plus VAT	Order no.	€ plus VAT	Order no.	€ plus VAT
3 - 4 tpi	21 932	**31.00**	21 932	**31.00**	21 932	**31.00**	21965	**35.00**
4 - 6 tpi	21 933	**31.00**	21 933	**31.00**	21 933	**31.00**	21966	**35.00**
5 - 8 tpi	21 934	**31.00**	21 934	**31.00**	21 934	**31.00**	21967	**35.00**
6 - 10 tpi	21 935	**31.00**	21 935	**31.00**	21 935	**31.00**	21968	**35.00**
8 - 12 tpi	21 936	**31.00**	21 936	**31.00**	21 936	**31.00**	21969	**35.00**
10- 14 tpi	21 937	**31.00**	21 937	**31.00**	21 937	**31.00**	21971	**35.00**

Accessories
and installation example

Berg & Schmid sawing technology - from experts to experts...

Installation example
roller conveyors URB 200 / URB 240
- Roller width 205 mm
- Optionally steel or plastic rollers
- Metal sheet inserts (option)
- Load capacity 200 kg/m
- Adjustable in height

Note:
Please specify the feeding and removal sides for roller conveyors and adapters!

Roller conveyors URB 200 / URB 240

Size	Order no.	€ plus VAT
Length 1,142 mm with 1 support	21 691	357.00
Length 2,000 mm with 1 support	21 692	474.00
Length 3,142 mm with 2 supports	21 693	826.00
Length 4,000 mm with 2 supports	21 694	911.00
Length 5,000 mm with 3 supports	21 695	1,279.00
Length 6,000 mm with 3 supports	21 696	1,364.00
Metal sheet inserts (per m roller conveyor)	21 698	53.00
Feed. and rem. adapter (conn. to the machine)	21 715	81.00
Cross-beam for freestanding installation	21 710	96.00
Material supporting column Height-adjustable roller width 260 mm	20 855	120.00
Machine underframe for assembly band saws PBS-Range	20 508	96.00
Mobile underframe FU Eco with guide rolls and brake		
for metal band saw GBS 150	20 566	78.00
for metal band saw GBS 185	20 567	99.00
for metal band saw GBS 218 / GBS 240	20 568	109.00

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Examples for
Stopping and measuring systems

(image with URB 200
with metal sheet inserts)

LM 55 M (image with roller conveyor) **tape measure**
Manual length stop complete with stopper carriage, tape measure, guide rail and mounting kit.
solid design with double arm pinion.
carriage, 4-fold ball bearing mounted, with high holding power.

Size	Order no.	€ plus VAT
Gauge length 1,000 mm	21 731	687.00
Gauge length 2,000 mm	21 732	687.00
Gauge length 3,000 mm	21 733	837.00
Gauge length 4,000 mm	21 734	948.00
Gauge length 5,000 mm	21 735	1,013.00
Gauge length 6,000 mm	21 736	1,119.00

(image with URB 200
with metal sheet inserts)

LM 55 D (image with roller conveyor) digital
Manual length stop with digital position display, solid design with double arm pinion.
carriage, 4-fold ball bearing mounted, with high holding power.
Positioning accuracy ± 0.10 mm/m

Size	Order no.	€ plus VAT
Gauge length 1,000 mm	21 741	2,052.00
Gauge length 2,000 mm	21 742	2,052.00
Gauge length 3,000 mm	21 743	2,260.00
Gauge length 4,000 mm	21 744	2,473.00
Gauge length 5,000 mm	21 745	2,681.00
Gauge length 6,000 mm	21 746	2,900.00

Master-Line

GBS 225 / 245 Basic Manual
GBS 225 / 245 Basic AutoCut
Mitre band saws

- Mitre left 60°
- Quick vice
- Automatic cooling
- Machine underframe

AutoCut additional:

- Economic, semi-automatic operation through automatic saw frame lowering – steplessly adjustable
- Hydraulic brake cylinder for stepless feeding via limit switch
- Rapid motion (quick approach to the work piece)
- Manual operation possible

Image **GBS 225**

Image **GBS 245**

Cutting areas	○	□	▭	○	□	▭	●	■	▬	●	■	▬
90°	225	200	240 x 120	225	200	240 x 120	250	200	270 x 200	250	200	270 x 200
45° left	130	120	150 x 80	130	120	150 x 80	180	170	200 x 80	180	170	200 x 80
60° left	70	60	50 x 100	70	60	50 x 100	110	100	90 x 150	110	100	90 x 150

Technical data	GBS 225 Basic	GBS 225 Basic AutoCut	GBS 245 Basic	GBS 245 Basic AutoCut
Saw drive 400 V / 50 Hz	0.55 / 0.75 kW	0.55 / 0.75 kW	1.3 / 1.5 kW	1.3 / 1.5 kW
Saw band speed	30 + 60 m/min.	30 + 60 m/min.	38 + 76 m/min.	38 + 76 m/min.
Saw band dimensions	2,625 x 20 x 0.90 mm	2,625 x 20 x 0.90 mm	3,090 x 27 x 0.90 mm	3,090 x 27 x 0.90 mm
Floor space (D x W x H)	750 x 1,500 x 1,970 mm	750 x 1,500 x 1,970 mm	800 x 1,700 x 2,050 mm	800 x 1,700 x 2,050 mm
Working height	895 mm	895 mm	940 mm	940 mm
Weight	181 kg	196 kg	264 kg	279 kg
Order no.	20 400	20 405	20 407	20 410
Prices € plus VAT	**2,329.00**	**2,859.00**	**3,206.00**	**3,804.00**

Universal bi-metal saw bands (HSS-Biflex) variable tooth pitch

	Order no.	€ plus VAT	Order no.	€ plus VAT
3 - 4 tpi			22 137	**40.00**
4 - 6 tpi	21 993	**36.00**	22 138	**40.00**
5 - 8 tpi	21 994	**36.00**	22 139	**40.00**
6 - 10 tpi	21 995	**36.00**	22 140	**40.00**
8 - 12 tpi	21 996	**36.00**	22 141	**40.00**
10 - 14 tpi	21 997	**36.00**	22 142	**40.00**
18 tpi	21 998	**36.00**		

Special bi-metal saw bands for stainless steels

	Order no.	€ plus VAT
2 - 3 tpi	22 143	**47.00**
3 - 4 tpi	22 144	**47.00**
4 - 6 tpi	22 145	**47.00**
5 - 8 tpi	22 146	**47.00**
6 - 10 tpi	22 147	**47.00**
10 - 14 tpi	22 148	**47.00**
10 - 14 tpi	21 149	**47.00**

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Recommended accessories

BERG & SCHMID SÄGETECHNIK
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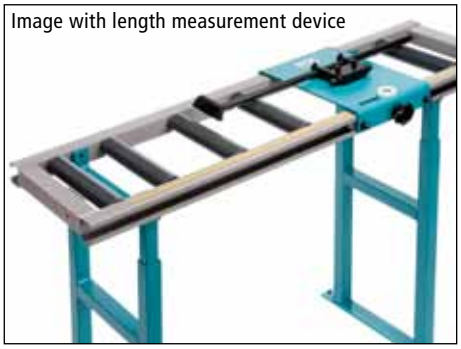
Order no. 19 507 — € plus VAT
Starter kit 1 (GBS 245) **201.00**
for saws with standard cooling
3 saw bands 5 - 8 tpi
2 saw bands 6 - 10 tpi
5 l coolant concentrate

Order no. 19 508 — € plus VAT
Starter kit 2 (GBS 245) **237.00**
for saws with micro spraying system
3 saw bands 5 - 8 tpi
2 saw bands 6 - 10 tpi
5 l Coolmatic fluid

Image with length measurement device



For more combination possibilities, see page 80

Accessories GBS 225 / 245 Basic Range

Material support column, roller width 260 mm, height-adjustable von 800 -1150 mm (8 kg)	20 855	**120.00**
Mobile underframe FU 225 with 2 guide rolls and brake for GBS 225 Basic	20 565	**213.00**
B&S Super Cool coolant concentrate for integrated standard cooling water soluble from 1:5 to 1:15 5 l canister,	20 805	**57.00**
10 l canister	20 810	**101.00**
B&S COOLMATIC PLUS Micro spraying system 24 V/AC including 1 l fluid, spray head and holder	20 625	**816.00**
B&S COOLMATIC Fluid 1 l bottle	20 660	**24.00**
5 l canister	20 661	**101.00**

Standard roller conveyors

ST 260
Roller width 260 mm = universal use
for circular and band saw machines.
Solid construction, with plastic rollers 50 mm Ø
Roller width 260 mm, load capacity approx. 100 kg/m
height-adjustable from 800 – 1150 mm
Shipment without adapter (Connector to the machine)

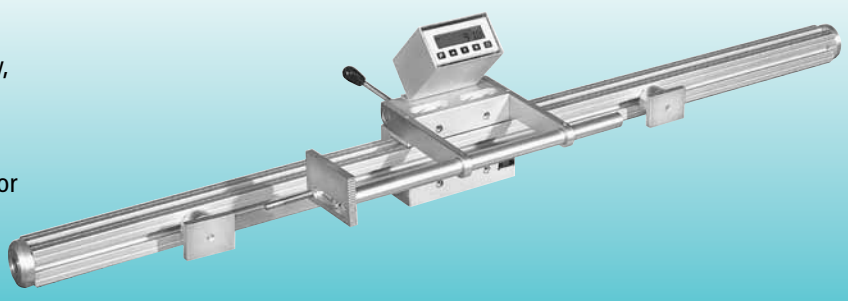
Note:
Please specify the feeding and removal sides for roller conveyors and adapters!

Feeding/removing roller conveyor		
Length 1,000 mm complete with support	20 931	**442.00**
Length 2,000 mm complete with support	20 932	**478.00**
Length 3,000 mm complete with support	20 933	**525.00**
Length 4,000 mm complete with 2 supports	20 934	**716.00**
Length 5,000 mm complete with 2 supports	20 936	**791.00**
Length 6,000 mm complete with 3 supports	20 937	**934.00**
Roller conveyor with length measuring device		
Measuring stop adjustable and swiveling, including reading glass		
Gauge length 1,000 mm complete with support	20 961	**796.00**
Gauge length 2,000 mm complete with support	20 962	**868.00**
Gauge length 3,000 mm complete with support	20 963	**980.00**
Gauge length 4,000 mm complete with 2 supports	20 964	**1,205.00**
Gauge length 5,000 mm complete with 2 supports	20 966	**1,285.00**
Gauge length 6,000 mm complete with 3 supports	20 967	**1,448.00**
Additional support for ST 260	21 000	**77.00**
Adapter feeding and removal side		
for the following machine types GBS 225 Basic, GBS 245 Basic	20 987 S	**62.00**

Recommended digital length measuring system in connection with feeding/removing roller conveyor ST 260

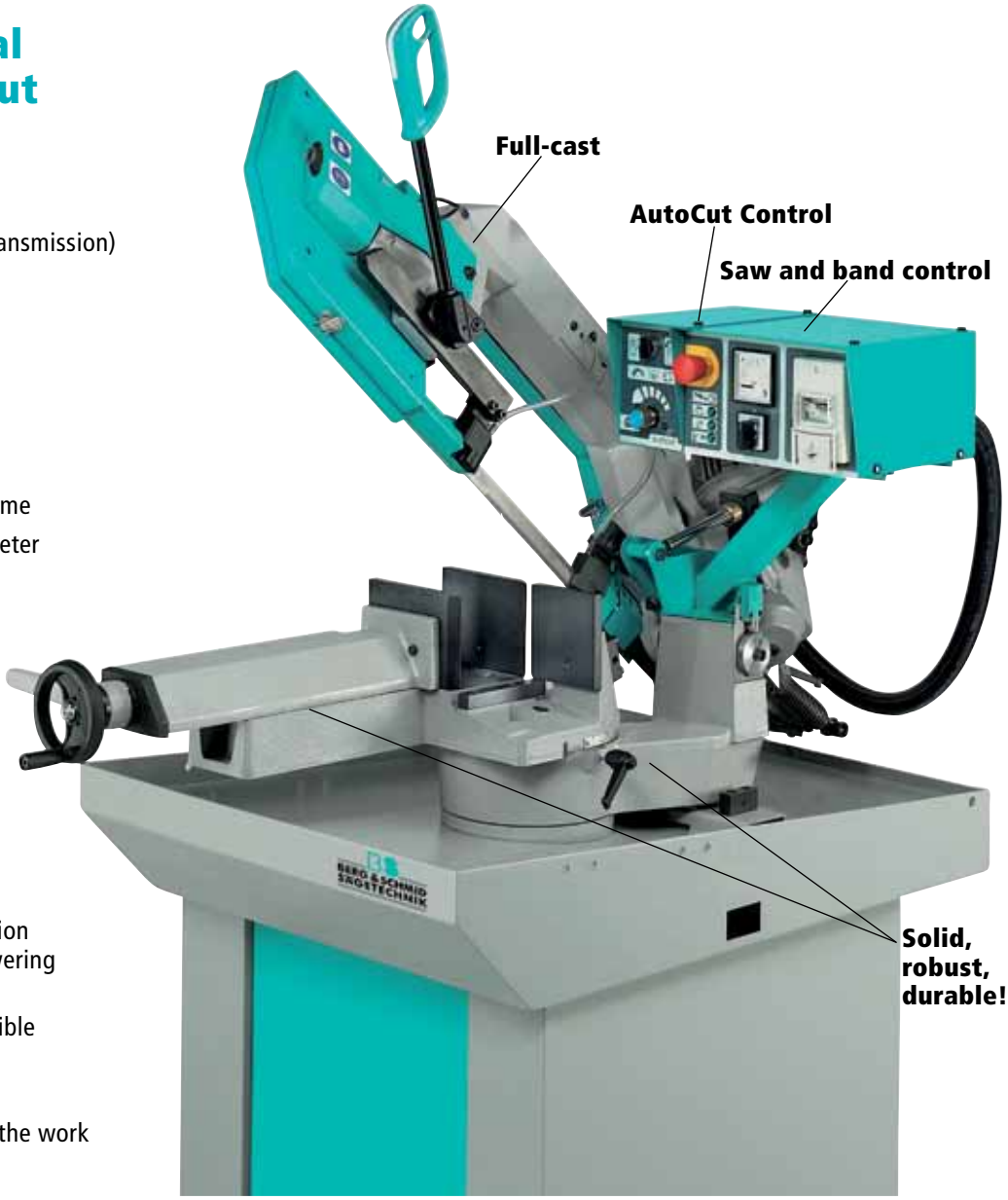
The new digital length measuring system

- State-of-the art length measuring technology, universally applicable
- Digital position display
- Measurement reading via magtape and sensor
- Measuring accuracy ± 0.1 mm/m
- Direction of counting freely selectable



EasyMess XL digital length measuring system		
complete with stop carriage, digital display, battery, guide rail and mounting kit		
Gauge length 1000 mm	20 951	**894.00**
Gauge length 2000 mm	20 952	**1,039.00**
Gauge length 3000 mm	20 953	**1,144.00**
Gauge length 4000 mm	20 954	**1,316.00**
Gauge length 5000 mm	20 955	**1,449.00**
Gauge length 5850 mm	20 956	**1,622.00**

GBS 250 Eco Manual
GBS 250 Eco AutoCut
Mitre band saw



- A performance miracle (special transmission)
- Closed sawing frame; 1,700 Kg/cm² saw band tension
- Adjustable taper roller bearing
- Solid vice + machine cast
- Cooling device
- Large machine bed
- Tool compartment in the underframe
- Cutting control through amperemeter
- Cutting pressure - feed controller

GBS 250 Eco

- Mitre left 60°
- Quick vice
- Automatic cooling
- Machine underframe

GBS 250 Eco AutoCut

Additionally:

- Economic, semi-automatic operation through automatic saw frame lowering – steplessly adjustable
- Lowering during standstill is possible
- Hydraulic brake cylinder for stepless feeding
- Rapid motion (quick approach to the work piece)
- Manual operation possible

Cutting areas	●	■	▬	●	■	▬
90°	250	240	300 x 180	250	240	300 x 180
45° left	210	190	200 x 160	210	190	200 x 160
60° left	135	110	130 x 100	135	110	130 x 100

Technical data	GBS 250 Eco		GBS 250 Eco AutoCut	
Saw drive 400 V / 50 Hz	1.3 / 1.7 kW		1.3 / 1.7	
Saw band speed	37 + 74 m/min.	18 + 36 m/min.	37 + 74 m/min.	18 + 36 m/min.
Saw band dimensions	2,765 x 27 x 0.90 mm		2,765 x 27 x 0.90 mm	
Floor area (D x W x H)	900 x 1,700 x 1,860 mm		900 x 1,700 x 1,860 mm	
Working height	940 mm		940 mm	
Weight	290 kg		309 kg	
Order no.	20 415	20 414	20 417	20 416
Prices € plus VAT	3,763.00	3,763.00	4,987.00	4,987.00

Universal bi-metal saw bands (HSS-Biflex)

	Order no.	€ plus VAT
2 - 3 tpi		
3 - 4 tpi	22 004	**36.00**
4 - 6 tpi	22 005	**36.00**
5 - 8 tpi	22 006	**36.00**
6 - 10 tpi	22 007	**36.00**
8 - 12 tpi	22 008	**36.00**
10 - 14 tpi	22 009	**36.00**

Special bi-metal high-performance saw bands

Order no.	€ plus VAT
22 270	**44.00**
22 271	**44.00**
22 272	**44.00**
22 273	**44.00**
22 274	**44.00**
22 275	**44.00**
22 276	**44.00**

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Recommended accessories

BERG & SCHMID SÄGETECHNIK
...the future has started

Order no. 19 509 — € plus VAT
Starter kit 1 — **188.00**
for saws with standard cooling

3 saw bands 5 - 8 tpi
2 saw bands 6 - 10 tpi
5 l coolant concentrate

Order no. 19 510 — € plus VAT
Starter kit 2 — **224.00**
for saws with micro spraying system

3 saw bands 5 - 8 tpi
2 saw bands 6 - 10 tpi
5 l Coolmatic Fluid

For more combination possibilities, see page 80

Accessories GBS 250 Eco / Eco AutoCut

Levelling elements (1 set = 4 items) for manual and semi-automatic	999030	p. set **128.00**
Material support column, roller width 260 mm height-adjustable from 800 -1150 mm (8 kg)	20 855	**120.00**
B&S Super Cool Coolant concentrate for integrated standard cooling		
water soluble from 1:5 to 1:15 5 l canister	20 805	**57.00**
10 l canister	20 810	**101.00**
B&S COOLMATIC PLUS Micro spraying system 24 V/AC including 1 l fluid, spray head and holder	20 625	**816.00**
B&S COOLMATIC Fluid 1 l bottle	20 660	**24.00**
5 l canister	20 661	**101.00**

Universal roller conveyors

URB 290
Roller width 290 mm, optionally steel or plastic rollers.
Applicable for circular and band sawing machines, height-adjustable from 850 - 1,150 mm
load capacity 400 kg/m

Length 1,000 mm with 1 support	21 701	**368.00**
Length 2,000 mm with 1 support	21 702	**549.00**
Length 3,000 mm with 2 support	21 703	**874.00**
Length 4,000 mm with 2 supports	21 704	**1,061.00**
Length 5,000 mm with 3 supports	21 705	**1,380.00**
Length 6,000 mm with 3 supports	21 706	**1,567.00**

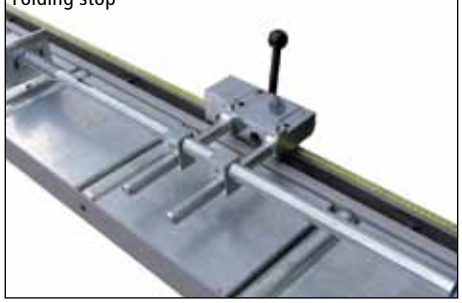
Note:
Please specify the feeding and removal sides for roller conveyors and adapters!

Option for roller conveyors URB 290:

- Metal sheet inserts (per m roller conveyor)	21 708	**66.00**
- Additional supports for free-standing roller conveyor (height-adjustable from 850 to 1.150 mm)	21 709	**173.00**
- Cross-beam for free-standing roller conveyors each 2,000 mm	21 710	**96.00**
- Feeding and removing adapter (connector to the machine)	21 715	**81.00**
Roller conveyor front structure for a mitre angle up to 60° Design on the right (on the removing side) required for: GBS 250 Range	21 716	**216.00**

Stop and measurement systems

Arm + spring protection (option)
Folding stop



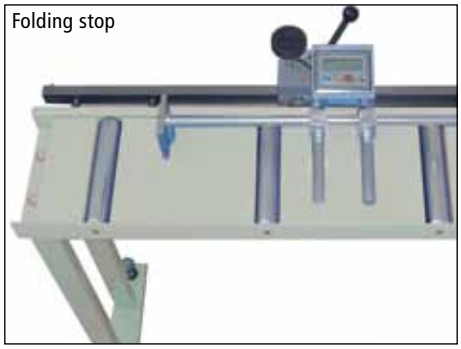
LM 55 M (without roller conveyor) **tape measure**
Manual length stop complete with stop carriage, tape measure, guide roll and mounting kit.
Solid design with double arm pinion.
Carriage 4-fold ball bearing mounted with high holding power.

	Order no.	€ plus VAT
Arm with shock absorber spring	21748	**189.00**
Pneumatic Arm retraction	21749	**861.00**

(Metal sheet inserts for roller conveyors requ.)

Gauge length	Order no.	€ plus VAT
1,000 mm	21 731	**687.00**
2,000 mm	21 732	**687.00**
3,000 mm	21 733	**837.00**
4,000 mm	21 734	**948.00**
5,000 mm	21 735	**1,013.00**
6,000 mm	21 736	**1,119.00**

Folding stop



LM 55 D (without roller conveyor) **digital**
Manual length stop with digital **position display.** Solid design with double arm pinion.
Carriage 4-fold ball bearing mounted with high holding power.
Positioning accuracy ± 0.10 mm/m

	Order no.	€ plus VAT
Arm with shock absorber spring	21748	**189.00**
Pneumatic Arm retraction	21749	**861.00**

(Metal sheet inserts for roller conveyors requ.)

Gauge length	Order no.	€ plus VAT
1,000 mm	21 741	**2,052.00**
2,000 mm	21 742	**2,052.00**
3,000 mm	21 743	**2,260.00**
4,000 mm	21 744	**2,473.00**
5,000 mm	21 745	**2,681.00**
6,000 mm	21 746	**2,900.00**

Folding stop

LM 55 DH (without roller conveyor) **digital + hand wheel.** Manual length stop with digital **position display and hand wheel adjustment.**
High load capacity through pneumatic clamping
Solid design with double arm pinion.
Carriage 4-fold ball bearing mounted
Positioning accuracy ± 0.10 mm/m

	Order no.	€ plus VAT
Arm with shock absorber spring	21748	**189.00**
Pneumatic Arm retraction	21749	**861.00**

(Metal sheet inserts for roller conveyors requ.)

Gauge length	Order no.	€ plus VAT
1,000 mm	21 751	**2,964.00**
2,000 mm	21 752	**2,964.00**
3,000 mm	21 753	**3,369.00**
4,000 mm	21 754	**3,752.00**
5,000 mm	21 755	**4,168.00**
6,000 mm	21 756	**4,584.00**

GBS 250 Super Manual
GBS 250 Super AutoCut
Double mitre band saws

- Also available as a slow runner for stainless steel
- A performance miracle (special transmission)
- Closed sawing frame
- Industrial design; 1,700 Kg/cm² saw band tension
- Adjustable ball roller bearing
- Solid vice + machine casting
- Large machine bed
- Tool compartment - door in the base
- Cutting control through amperemeter
- Cutting pressure - feed controller
- Roller support (on the feeding side)

GBS 250 Super

- Mitre left 60° + right 45°
- Ball bearing mounted rotary table
- Quick vice, movable
- Hydraulic brake cylinder
- Solid, large material support
- Automatic cooling
- Machine underframe

GBS 250 Super AutoCut

additionally:

- Economic, semi-automatic operation through automatic saw frame lowering – steplessly adjustable

AutoCut-System

Cutting manually or automatically like a semi-automatic. Lowering for marking possible in standstill.

- Cutting pressure-feed controller (continuous cutting speed)
- Saw band control / cutting optimisation through amperemeter
- Ball bearing mounted, large rotary material table = no residue tank in the sawing table

Cutting areas	●	■	▬	●	■	▬
90°	255	240	300 x 180	255	240	300 x 180
45° left	210	190	200 x 160	210	190	200 x 160
60° left	135	110	130 x 100	135	110	140 x 90 (130x100)
45° ri.	180	160	180 x 100 / 200 x 70	180	160	180 x 100 / 200 x 70

Technical data	GBS 250 Super			GBS 250 Super AutoCut		
Saw drive 400 V / 50 Hz	1.5 / 1.8 kW			1.5 / 1.8 kW		
Saw band speed	37 + 74 m/min.	18 + 36 m/min.	18 – 110 m/min.	37 + 74 m/min.	18 + 36 m/min.	18 – 110 m/min.
Saw band dimensions	2,765 x 27 x 0.90 mm			2,765 x 27 x 0.90 mm		
Floor space (D x W x H)	900 x 1,700 x 1,860 mm			900 x 1,700 x 1,860 mm		
Working height	950 mm			950 mm		
Weight	330 kg			349 kg		
Order no.	20 430	20 429	20 436	20 431	20 432	20 437
Prices € plus VAT	5,255.00	5,255.00	6,483.00	5,611.00	5,611.00	6,774.00

Universal bi-metal saw bands (HSS-Biflex)

	Order no.	€ plus VAT
2 - 3 tpi		
3 - 4 tpi	22 004	**36.00**
4 - 6 tpi	22 005	**36.00**
5 - 8 tpi	22 006	**36.00**
6 - 10 tpi	22 007	**36.00**
8 - 12 tpi	22 008	**36.00**
10 - 14 tpi	22 009	**36.00**

Special bi-metal high-performance saw bands

	Order no.	€ plus VAT
2 - 3 tpi	22 270	**44.00**
3 - 4 tpi	22 271	**44.00**
4 - 6 tpi	22 272	**44.00**
5 - 8 tpi	22 273	**44.00**
6 - 10 tpi	22 274	**44.00**
8 - 12 tpi	22 275	**44.00**
10 - 14 tpi	22 276	**44.00**

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Recommended accessories

BERG & SCHMID SÄGETECHNIK
...the future has started

Order no. 19 509 — € plus VAT
Starter kit 1 — **188.00**
for saws with standard cooling

3 saw bands 5 - 8 tpi
2 saw bands 6 - 10 tpi
5 l coolant concentrate

Order no. 19 510 — € plus VAT
Starter kit 2 — **224.00**
for saws with micro spraying system

3 saw bands 5 - 8 tpi
2 saw bands 6 - 10 tpi
5 l Coolmatic Fluid

For more combination possibilities, see page 80

Accessories GBS 250 Eco / Eco AutoCut

Levelling elements (1 set = 4 items) for manual and semi-automatics	999030	p set **128.00**
GBS 250 Super AutoCut pneumatic vice	550 001	**379.00**
Material support column, roller width 260 mm height-adjustable from 800 -1150 mm (8 kg)	20 855	**120.00**
B&S Super Cool coolant concentrate for integrated standard cooling water-soluble from 1:5 to 1:15 5 l canister	20 805	**57.00**
10 l canister	20 810	**101.00**
B&S COOLMATIC PLUS Micro spraying system 24 V/AC including 1 l fluid, spray head and holder	20 625	**816.00**
B&S COOLMATIC Fluid 1 l bottle	20 660	**24.00**
5 l canister	20 661	**101.00**

Universal roller conveyors

URB 290
Roller width 290 mm, optionally steel or plastic rollers.
Applicable for circular and band saw machines.
Load capacity 400 kg/m

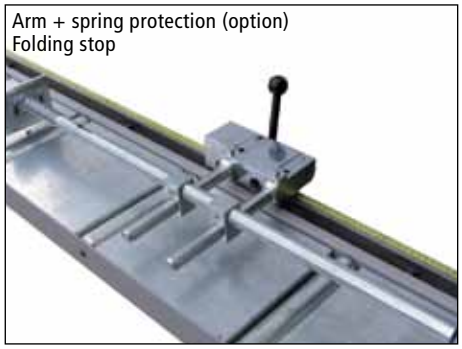
Length 1,000 mm with 1 support	21 701	**368.00**
Length 2,000 mm with 1 support	21 702	**549.00**
Length 3,000 mm with 2 supports	21 703	**874.00**
Length 4,000 mm with 2 supports	21 704	**1,061.00**
Length 5,000 mm with 3 supports	21 705	**1,380.00**
Length 6,000 mm with 3 supports	21 706	**1,567.00**

Note: Please specify the feeding and removal sides for roller conveyors and adapters!

Option for roller conveyors URB 290:		
- Metal sheet inserts (per m roller conveyor)	21 708	**66.00**
- Additional support for freestanding roller conveyors as well as GBS 250/305 VA required (height-adjustable from 850 to 1,150 mm)	21 709	**173.00**
- Cross beam for roller conveyors each 2,000 mm	21 710	**96.00**
- Feeding and removing adapter (connector to the machine)	21 715	**81.00**
Optional accessories for mitre band saw:		
Roller conveyor front structure for mitre angles up to 60° - right (rem. side)	21 716	**216.00**
Roller conveyor front structure for mitre angles up to 45° - left (feed. side)	21 717	**216.00**

Stop and measurement systems

Arm + spring protection (option)
Folding stop



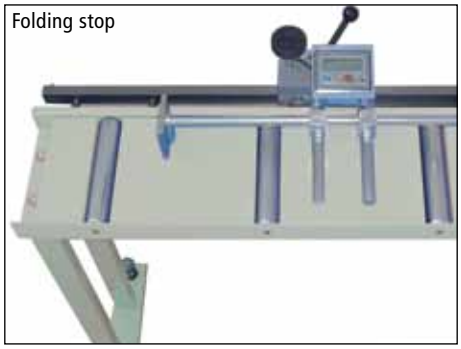
LM 55 M (without roller conveyor) **tape measure**
Manual length stop complete with stop carriage, tape measure, guide roll and mounting kit.
Solid design with double arm pinion.
Carriage 4-fold ball bearing mounted with high holding power.

	Order no.	€ plus VAT
Arm with shock absorber spring	21748	**189.00**
Pneumatic arm retraction	21749	**861.00**

(Metal sheet inserts for roller conveyors requ.)

Gauge length	Order no.	€ plus VAT
1,000 mm	21 731	**687.00**
2,000 mm	21 732	**687.00**
3,000 mm	21 733	**837.00**
4,000 mm	21 734	**948.00**
5,000 mm	21 735	**1,013.00**
6,000 mm	21 736	**1,119.00**

Folding stop



LM 55 D (without roller conveyor) **digital**
Manual length stop with digital **position display.** Solid design with double arm pinion.
Carriage 4-fold ball bearing mounted with high holding power.
Positioning accuracy ± 0.10 mm/m

	Order no.	€ plus VAT
Arm with shock absorber spring	21748	**189.00**
Pneumatic arm retraction	21749	**861.00**

(Metal sheet inserts for roller conveyors requ.)

Gauge length	Order no.	€ plus VAT
1,000 mm	21 741	**2,052.00**
2,000 mm	21 742	**2,052.00**
3,000 mm	21 743	**2,260.00**
4,000 mm	21 744	**2,473.00**
5,000 mm	21 745	**2,681.00**
6,000 mm	21 746	**2,900.00**

Folding stop

LM 55 DH (without roller conveyor) **digital + hand wheel.** Manual length stop with digital **Position display** and hand wheel adjustment. High load capacity through pneumatic clamping
Solid design with double arm pinion.
Carriage 4-fold ball bearing mounted.
Positioning accuracy ± 0.10 mm/m

	Order no.	€ plus VAT
Arm with shock absorber spring	21748	**189.00**
Pneumatic arm retraction	21749	**861.00**

(Metal sheet inserts for roller conveyors requ.)

Gauge length	Order no.	€ plus VAT
1,000 mm	21 751	**2,964.00**
2,000 mm	21 752	**2,964.00**
3,000 mm	21 753	**3,369.00**
4,000 mm	21 754	**3,752.00**
5,000 mm	21 755	**4,168.00**
6,000 mm	21 756	**4,584.00**

GBS 250 Super HA Easy
Mitre band saw

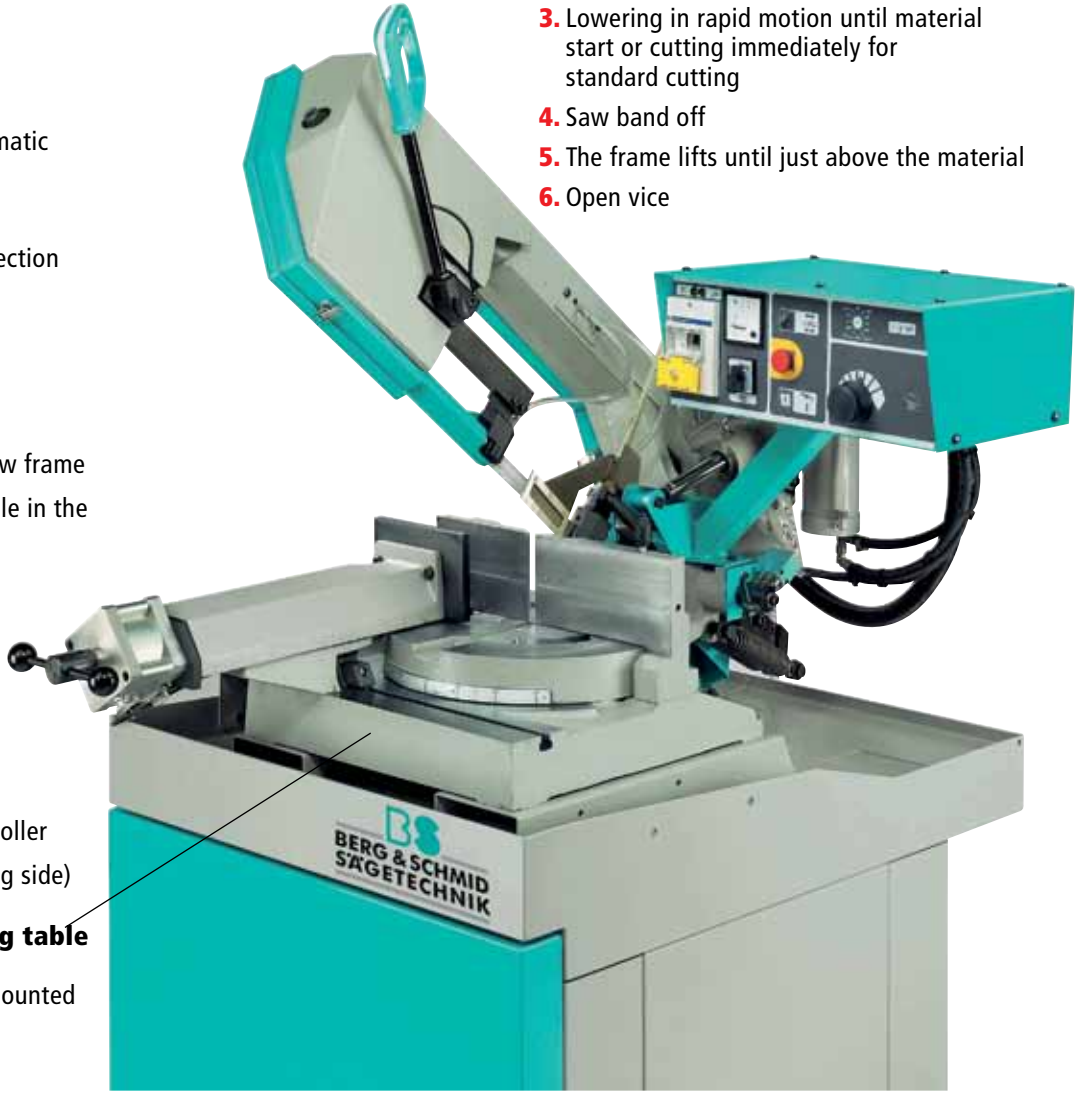
GBS 250 Super HA Easy

- Hydro-pneumatic semi-automatic machine
- Mitre left 60° + right 45°
- Sensor for material start detection (Reduction of cycle time)
- Easy controls
- Hydraulic saw frame control
- Pneumatic vice
- Closed, high-performance saw frame
- Taper roller bearing adjustable in the flywheel rim
- Solid vice + machine casting
- Cooling device
- Large machine bed
- Tool compartment
- Cutting control through amperemeter
- Cutting pressure - feed controller
- Roller support (on the feeding side)

Top supporting table
- Wear-free
- Ball bearing mounted

Semi-automatic function:

1. Clamping the material
2. The saw starts
3. Lowering in rapid motion until material start or cutting immediately for standard cutting
4. Saw band off
5. The frame lifts until just above the material
6. Open vice



Cutting areas	●	■	▬
90°	255	240	300 x 180
45° left	210	190	200 x 160
60° left	135	110	130 x 100
45° ri.	180	160	180 x 100 / 200 x 70

Technical data	GBS 250 Super	HA Easy
Saw drive 400 V / 50 Hz	1.5 / 1.8 kW	
Saw band speed	37 + 74 m/min.	18 – 110 m/min.
Saw band dimensions	2,765 x 27 x 0.90	mm
Floor space (D x W x H)	900 x 1,700 x 1,860 mm	
Working height	950 mm	
Weight	377 kg	
Order no.	20 452	20 454
Prices € plus VAT	**7,277.00**	**8,316.00**

Universal bi-metal saw bands (HSS-Biflex)

	Order no.	€ plus VAT
2 - 3 tpi		
3 - 4 tpi	22 004	**36.00**
4 - 6 tpi	22 005	**36.00**
5 - 8 tpi	22 006	**36.00**
6 - 10 tpi	22 007	**36.00**
8 - 12 tpi	22 008	**36.00**
10 - 14 tpi	22 009	**36.00**

Special bi-metal high-performance saw bands

Order no.	€ plus VAT
22 270	**44,00**
22 271	**44,00**
22 272	**44,00**
22 273	**44,00**
22 274	**44,00**
22 275	**44,00**
22 276	**44,00**

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Recommended accessories

BERG & SCHMID SÄGETECHNIK
...the future has started

Order no. 19 509 — € plus VAT
Starter kit 1 — **188.00**
for saws with standard cooling

3 saw bands 5 - 8 tpi
2 saw bands 6 - 10 tpi
5 l coolant concentrate

Order no. 19 510 — € plus VAT
Starter kit 2 — **224.00**
for saws with micro spraying system

3 saw bands 5 - 8 tpi
2 saw bands 6 - 10 tpi
5 l Coolmatic Fluid

For more combination possibilities, see page 80

Accessories GBS 250 HA Easy

Levelling elements (1 set = 4 items) for manual and semi-automatic	999030	p. set **128.00**
Material support column, roller width 260 mm height-adjustable from 800 -1150 mm (8 kg)	20 855	**120.00**
B&S Super Cool coolant concentrate for integrated standard cooling water soluble from 1:5 to 1:15 5 l canister	20 805	**57.00**
10 l canister	20 810	**101.00**
B&S COOLMATIC PLUS Micro spraying system 24 V/AC including 1 l fluid, spray head and holder	20 625	**816.00**
B&S COOLMATIC Fluid 1 l bottle	20 660	**24.00**
5 l canister	20 661	**101.00**

Universal roller conveyors

URB 290
Roller width 290 mm, optionally steel or plastic rollers.
Applicable for circular and band saw machines.
Load capacity 400 kg/m

Length 1,000 mm with 1 support	21 701	**368.00**
Length 2,000 mm with 1 support	21 702	**549.00**
Length 3,000 mm with 2 supports	21 703	**874.00**
Length 4,000 mm with 2 supports	21 704	**1,061.00**
Length 5,000 mm with 3 supports	21 705	**1,380.00**
Length 6,000 mm with 3 supports	21 706	**1,567.00**

Note: Please specify the feeding and removal sides for roller conveyors and adapters!

Option for roller conveyors URB 290:

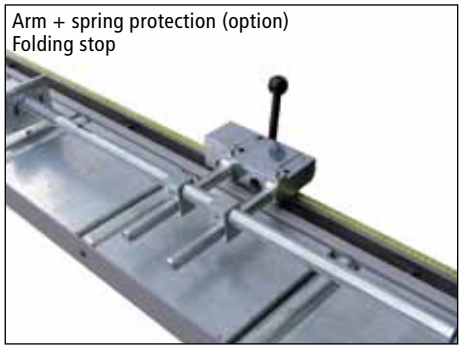
- Metal sheet inserts (per m roller conveyor)	21 708	**66.00**
- Additional support for freestanding roller conveyors as well as GBS 250/305 VA required (height-adjustable from 850 to 1,150 mm)	21 709	**173.00**
- Cross beam for roller conveyors each 2,000 mm	21 710	**96.00**
- Feeding and removing adapter (connector to the machine)	21 715	**81.00**

Optional accessories for mitre band saw:

Roller conveyor front structure for mitre angles up to 60° - right (rem. side)	21 716	**216.00**
Roller conveyor front structure for mitre angles up to 45° - left (feed. side)	21 717	**216.00**

Stop and measurement systems

Arm + spring protection (option)
Folding stop



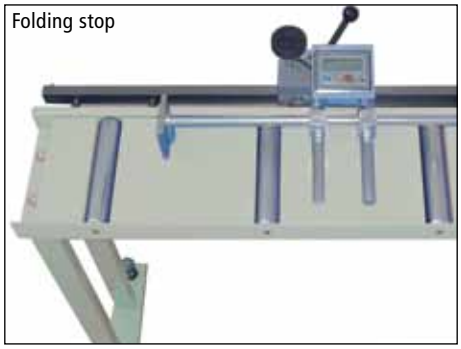
LM 55 M (without roller conveyor) **tape measure**
Manual length stop complete with stop carriage, tape measure, guide roll and mounting kit.
Solid design with double arm pinion.
Carriage 4-fold ball bearing mounted
with high holding power.

	Order no.	€ plus VAT
Arm with shock absorber spring	21748	**189.00**
Pneumatic arm retraction	21749	**861.00**

(Metal sheet inserts for roller conveyors requ.)

Gauge length	Order no.	€ plus VAT
1,000 mm	21 731	**687.00**
2,000 mm	21 732	**687.00**
3,000 mm	21 733	**837.00**
4,000 mm	21 734	**948.00**
5,000 mm	21 735	**1,013.00**
6,000 mm	21 736	**1,119.00**

Folding stop



LM 55 D (without roller conveyor) **digital**
Manual length stop with digital **position display. Solid design** with double arm pinion.
Carriage 4-fold ball bearing mounted
with high holding power.
Positioning accuracy ± 0.10 mm/m

	Order no.	€ plus VAT
Arm with shock absorber spring	21748	**189.00**
Pneumatic arm retraction	21749	**861.00**

(Metal sheet inserts for roller conveyors requ.)

Gauge length	Order no.	€ plus VAT
1,000 mm	21 741	**2,052.00**
2,000 mm	21 742	**2,052.00**
3,000 mm	21 743	**2,260.00**
4,000 mm	21 744	**2,473.00**
5,000 mm	21 745	**2,681.00**
6,000 mm	21 746	**2,900.00**

Folding stop

LM 55 DH (without roller conveyor) **digital + hand wheel.** Manual length stop with digital **position display and hand wheel adjustment**.
High load capacity through pneumatic clamping.
Solid design with double arm pinion.
Carriage 4-fold ball bearing mounted.
Positioning accuracy ± 0.10 mm/m

	Order no.	€ plus VAT
Arm with shock absorber spring	21748	**189.00**
Pneumatic arm retraction	21749	**861.00**

(Metal sheet inserts for roller conveyors requ.)

Gauge length	Order no.	€ plus VAT
1,000 mm	21 751	**2,964.00**
2,000 mm	21 752	**2,964.00**
3,000 mm	21 753	**3,369.00**
4,000 mm	21 754	**3,752.00**
5,000 mm	21 755	**4,168.00**
6,000 mm	21 756	**4,584.00**

GBS 250 Super HA-I Easy
Double mitre band saw

GBS 250 Super HA-I Easy

- Hydro-pneumatic semi-automatic machine
- Mitre left 60° + right 45°
- Sensor for material start detection (Reduction of cycle time)
- Easy controls
- Hydraulic saw frame control
- Hydraulic vice
- Additional function: Moving the saw frame in standstill via the switch lifting / lowering
- Industrial taper bearing
- Solid vice + machine casting
- Cooling device
- Large machine bed
- Machine underframe with tool compartment and chipping drawer
- Cutting control through amperemeter
- Cutting pressure - feed controller
- Roller support (on the feed side)

Semi-automatic function:

1. Clamping the material
2. The saw starts
3. Lowering in rapid motion until material start or cutting immediately for standard cutting
4. Saw band off
5. The frame lifts until just above the material
6. Open vice

Cutting areas	●	■	▬
90°	255	240	300 x 180
45° left	210	190	200 x 160
60° left	135	110	130 x 100
45° ri.	180	160	180 x 100 / 200 x 70

Technical data	GBS 250 Super	HA-I Easy
Saw drive 400 V / 50 Hz	1.5 / 1.8 kW	
Saw band speed	37 + 74 m/min.	18 – 110 m/min.
Saw band dimensions	2,765 x 27 x 0.90 mm	
Floor space (D x W x H)	1,230 x 1,700 x 1,750 mm	
Working height	950 mm	
Weight	413 kg	
Order no.	20 444	20 445
Prices € plus VAT	**8,190.00**	**9,194.00**

Universal bi-metal saw bands (HSS-Biflex)

	Order no.	€ plus VAT
2 - 3 tpi		
3 - 4 tpi	22 004	**36.00**
4 - 6 tpi	22 005	**36.00**
5 - 8 tpi	22 006	**36.00**
6 - 10 tpi	22 007	**36.00**
8 - 12 tpi	22 008	**36.00**
10 - 14 tpi	22 009	**36.00**

Special bi-metal high-performance saw bands

Order no.	€ plus VAT
22 270	**44.00**
22 271	**44.00**
22 272	**44.00**
22 273	**44.00**
22 274	**44.00**
22 275	**44.00**
22 276	**44.00**

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Recommended accessories

BERG & SCHMID SÄGETECHNIK
...the future has started

Order no. 19 509 — € plus VAT
Starter kit 1 — **188.00**
for saws with standard cooling

3 saw bands 5 - 8 tpi
2 saw bands 6 - 10 tpi
5 l coolant concentrate

Order no. 19 510 — € plus VAT
Starter kit 2 — **224.00**
for saws with micro spraying system

3 saw bands 5 - 8 tpi
2 saw bands 6 - 10 tpi
5 l Coolmatic Fluid

Image RS 300
with length measuring device

For more combination possibilities, see page 80

Accessories GBS 250 HA-I Easy

Levelling elements (1 set = 4 items) for manual and semi-automatic	999030	p. set **128.00**
Hydraulic clamping pressure reduction	X000966	**575.00**
Material support column, roller width 260 mm height-adjustable from 800 -1150 mm (8 kg)	20 855	**120.00**
B&S Super Cool coolant concentrate for integrated standard cooling		
water soluble from 1:5 to 1:15 5 l canister	20 805	**57.00**
10 l canister	20 810	**101.00**
B&S COOLMATIC PLUS Micro spraying system 24 V/AC including 1 l fluid, spray head and holder	20 625	**816.00**
B&S COOLMATIC Fluid 1 l bottle	20 660	**24.00**
5 l canister	20 661	**101.00**

Super roller conveyors

RS 300
Solid steel rollers 300 mm width, load capacity 400 kg/m.
Extra robust construction for a high load capacity.
Smooth height adjustment, stepless, from 860 - 1010 mm.
Extremely steady, easy to fix
Shipment without adapter (connector to the machine).

Note:
Please specify the feeding and removal sides for roller conveyors and adapters!

Semi-automatic

Feeding/Removing roller conveyor		
Basic unit 2,000 mm with 2 supports	21 010	**666.00**
Extension unit 2,000 mm with 1 support	21 012	**546.00**
Removing conveyor with length measuring device		
Basic unit length 2,000 mm with 2 supports	21 016	**1,082.00**
Extension unit length 2,000 mm with 1 support	21 018	**957.00**
Adapter RS 300 (only on removing side) complete w. screw connections	21 116	**108.00**
Additional support for super roller conveyors	690027	**140.00**
Vertical rollers for the lateral material support (see page 80) 1 set = 2 rollers	21 141	per. set **245.00**
Plastic carrying roller 50 x 300 mm	759800	**37.00**
Steel carrying roller 50 x 300 mm	759398	**26.00**

GBS 250 Super VA-I
Mitre band saw

- Fully automatic hydraulic machine
- Mitre left 45° automatic operation
- Mitre left 60° semi-automatic operation (Cuts without programming)
- Sensor for the detection of material start / end (Reduction of cycle time)
- Removable chipping tank (Disinfection)
- Shock-proof and ergonomic control panel with oil-proof EPDM cover
- High-performance positioning with encoder (CNC)

Great access to

- Saw, material and feed unit
- Folding safety cover
- Fine feed adjustment
- Semi-automatic cut!

in 2 designs:

GBS 250 Super VA-I MPS
mit micro processor control

GBS 250 Super VA-I CNC
with CNC control

Image
GBS 250 VA-I MPS

Cutting areas	●	■	▬
90°	255	240	300 x 180
45° left	210	190	200 x 160
60° left	135	110	130 x 100

Technical data	GBS 250 Super VA-I MPS		GBS 250 Super VA-I CNC
Saw drive 400 V / 50 Hz	1.5 / 1.8 kW		1.5 / 1.8 kW
Saw band speed	37 + 74 m/min.	18 – 110 m/min.	18 – 110 m/min.
Saw band dimensions	2,765 x 27 x 0.90 mm		2,765 x 27 x 0.90 mm
Floor space (D x W x H)	1,850 x 1,800 x 1,880 mm		1,850 x 1,800 x 1,880 mm
Working height	870 mm		870 mm
Weight	631 kg		681 kg
Order no.	20 447	20 449	20 450
Prices € plus VAT	**13,872.00**	**15,115.00**	**17,675.00**

Universal bi-metal saw bands (HSS-Biflex)

	Order no.	€ plus VAT
2 - 3 tpi		
3 - 4 tpi	22 004	**36.00**
4 - 6 tpi	22 005	**36.00**
5 - 8 tpi	22 006	**36.00**
6 - 10 tpi	22 007	**36.00**
8 - 12 tpi	22 008	**36.00**
10 - 14 tpi	22 009	**36.00**

Special bi-metal high-performance saw bands

Order no.	€ plus VAT
22 270	**44.00**
22 271	**44.00**
22 272	**44.00**
22 273	**44.00**
22 274	**44.00**
22 275	**44.00**
22 276	**44.00**

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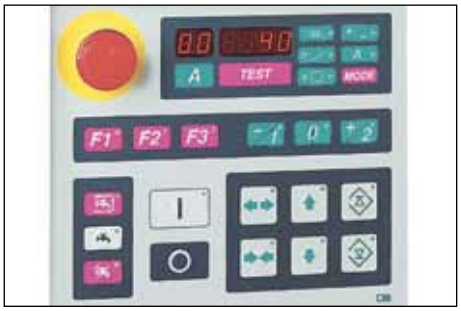


Automatic sawing with micro processor controls

Adjustable for 2 program levels

Semi-automatic operation
Selection between 3 pre-programmed working cycles (F1, F2, F3)

Fully automatic operation
Start after entering the required work piece quantity and length: Material ingate - cutting and unit counting until the program is finished

- **MPS control**
  for entering the required quantity of feeds (feed length)
- All important machine data are shown on the LED display during the cutting process (power input, cutting time, quantity)
- The recorded data is stored in the RAM memory
- The auto diagnostics control automatically displays all irregularities as an error message and monitors the entire process

Automatic feeding unit (MPS)
Floating feeding unit.
Length adjustment via hand wheel and nonius with mechanical position display. Adjustable for cut-off lengths from 2.5 mm up to 420 mm or via automatic reverse repeatable 1 - 29 times,
remaining length 210 mm

For more combination possibilities, see page 80

Optimise working processes with CNC controls

Because of the possibility to enter various parameters like quantities and material lengths, the CNC version is the ideal addition in order to optimise working processes.

CNC controls
for 10 different sawing programs
with 99 sub-programs for various lengths and quantities, e.g. 1 cutting program with various cut-off lengths

Automatic feeding unit (CNC) via ball roll spindle
Incremental feed with automatic length compensation. Adjustable for cut-off lengths from 2 mm up to 9,999 mm,
remaining length 170 mm

Fully automatic

Order no. 19 509 — € plus VAT
Starter kit 1 — **188.00**
for saws with standard cooling
3 saw bands 5 - 8 tpi
2 saw bands 6 - 10 tpi
5 l coolant concentrate

Order no. 19 510 — € plus VAT
Starter kit 2 — **224.00**
for saws with micro spraying system
3 saw bands 5 - 8 tpi
2 saw bands 6 - 10 tpi
5 l Coolmatic Fluid

Image RS 400 with length measuring device

Recommended accessories

Levelling elements (1 set = 4 items)	999031	p. set **128.00**
Hydraulic locking pressure reduction (1 set = 2 items)	X000964	p. set **622.00**
Holding-down device for bundle tensioning, Cutting area limited to 280 x 100 mm **(vertical rollers recommended)**	954	**363.00**
B&S Super Cool coolant concentrate for integrated standard cooling water soluble from 1:5 to 1:15 5 l canister	20 805	57.00
10 l canister	20 810	101.00
B&S COOLMATIC PLUS Micro spraying system 24 V/AC including 1 l fluid, spray head and holder	**20 625**	**816.00**
B&S COOLMATIC Fluid 1 l bottle 5 l canister	**20 660**	**24.00**
	20 661	101.00

Super roller conveyors

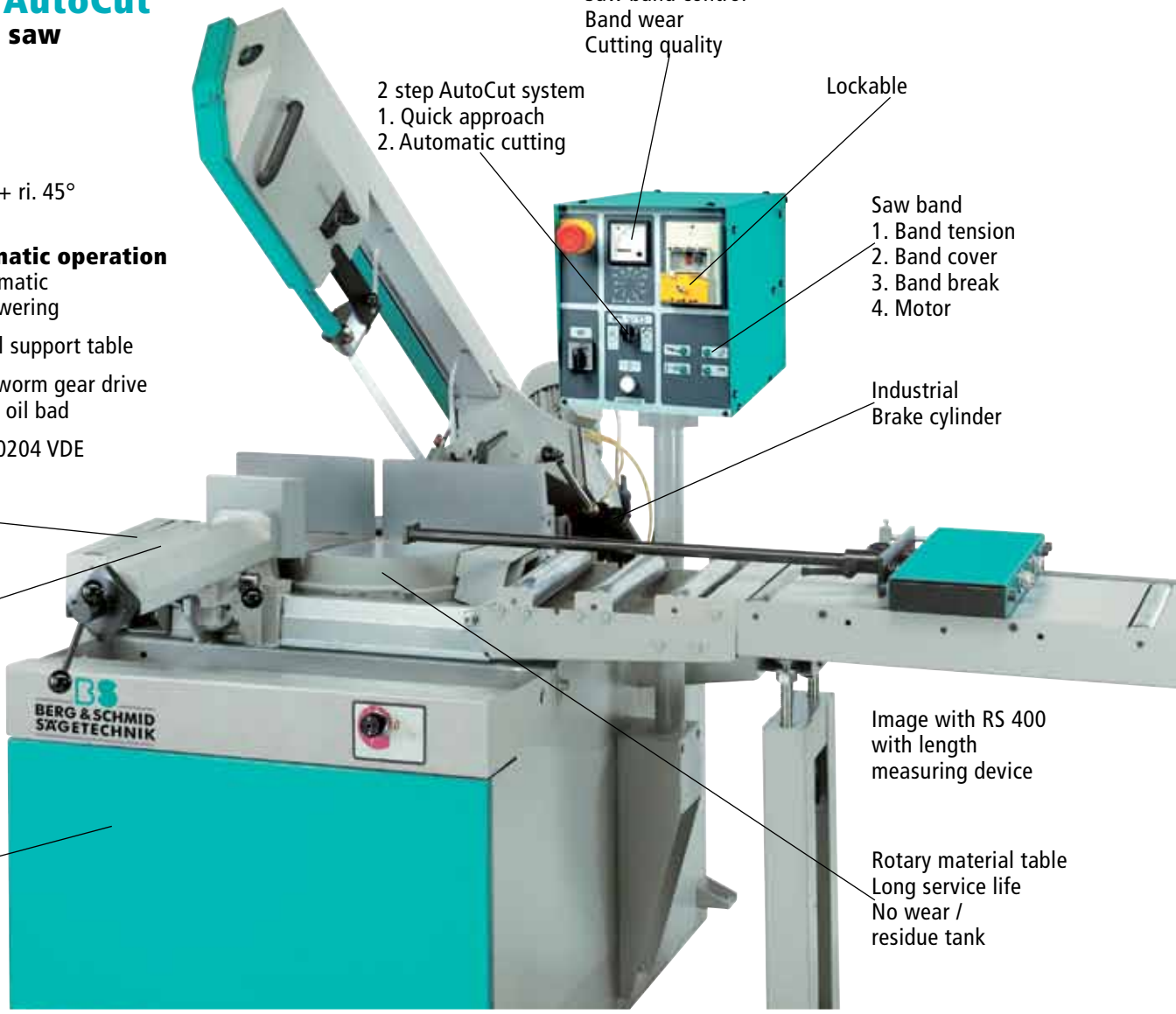
RS 400
Solid steel rollers with a width of 400 mm, load capacity 400 kg/m. and height-adjustable from 870 - 1010 mm.
Extra robust construction for a high load capacity

Note:
Please specify the feeding and removal sides for roller conveyors and adapters!

Feeding/Removing roller conveyor Basic unit 2,000 mm with 2 supports	21 020	**774.00**
Extension unit 2,000 mm with 1 support	21 021	**649.00**
Vertical roller for lateral material support 1 set = 2 rollers	21 143	p.set **266.00**

GBS 305 AutoCut
Mitre band saw

- Mitre le. 60° + ri. 45°
- Economic, **semi-automatic operation** through automatic saw frame lowering
- Solid material support table
- High-quality worm gear drive running in an oil bad
- UVV / EMC, 50204 VDE



Cutting areas	●	■	▬
90°	305	260	350 x 200
45° left	250	230	230 x 200
60° left	175	155	170 x 100
45° ri.	250	230	230 x 200

Technical data	GBS 305 AutoCut	
Saw drive 400 V / 50 Hz	1.5 / 1.8 kW	
Saw band speed	37 + 74 m/min.	18 – 110 m/min.
Saw band dimensions	3,375 x 27 x 0.90	mm
Floor space (D x W x H)	1,480 x 1,700 x 1,900	mm
Working height	940 mm	
Weight	607 kg	
Order no.	20 456	20 457
Prices € plus VAT	**8,106.00**	**9,187.00**

Universal bi-metal saw bands (HSS-Biflex)

	Order no.	€ plus VAT
2 - 3 tpi		
3 - 4 tpi	22 036	**43.00**
4 - 6 tpi	22 037	**43.00**
5 - 8 tpi	22 038	**43.00**
6 - 10 tpi	22 039	**43.00**
8 - 12 tpi	22 040	**43.00**
10 - 14 tpi	22 041	**43.00**

Special bi-metal high-performance saw bands

Order no.	€ plus VAT
22 280	**51.00**
22 281	**51.00**
22 282	**51.00**
22 283	**51.00**
22 284	**51.00**
22 285	**51.00**
22 286	**51.00**

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Recommended accessories

BERG & SCHMID SÄGETECHNIK
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Order no. 19 521 — € plus VAT
Starter-Kit 1 — **284.00**
for saws with standard cooling
3 saw bands 5 - 8 tpi
2 saw bands 8 - 12 tpi
10 l coolant concentrate

Order no. 19 522 — € plus VAT
Starter-Kit 2 — **284.00**
for saws with micro spraying system
3 saw bands 5 - 8 tpi
2 saw bands 8 - 12 tpi
5 l Coolmatic Fluid

For more combination possibilities, see page 80

Accessories GBS 305 AutoCut

Levelling elements (1 set = 4 items)	999031	p. set **128.00**
Material support column, roller width 260 mm height-adjustable from 800 -1150 mm (8 kg)	20 855	**120.00**
B&S Super Cool coolant concentrate for integrated standard cooling water soluble from 1:5 to 1:15 5 l canister	20 805	**57.00**
10 l canister	20 810	**101.00**
B&S COOLMATIC PLUS Micro spraying system 24 V/AC including 1 l fluid, spray head and holder	20 625	**816.00**
B&S COOLMATIC Fluid 1 l bottle	20 660	**24.00**
5 l canister	20 661	**101.00**

Universal roller conveyors

URB 400
Roller width 400 mm, optionally steel or plastic rollers.
Applicable for circular and band sawing machines.
load capacity 400 kg/m, height-adjustable

Length 1,000 mm with 1 support	21 721	**394.00**
Length 2,000 mm with 2 supports	21 722	**592.00**
Length 3,000 mm with 2 supports	21 723	**948.00**
Length 4,000 mm with 2 supports	21 724	**1,151.00**
Length 5,000 mm with 3 supports	21 725	**1,503.00**
Length 6,000 mm with 3 supports	21 726	**1,700.00**

Note: Please specify the feeding and removal sides for roller conveyors and adapters!

Option for roller conveyors URB 400:

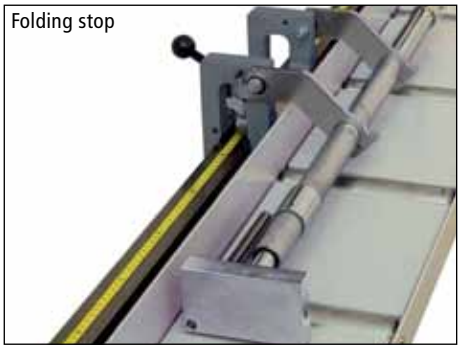
- Metal sheet inserts (per m roller conveyor)	21 708	66.00
- Cross-beam for free-standing roller conveyors each 2,000 mm	21 710	96.00
- Feeding and removing adapter (connector to the machine)	21 715	81.00

Optional accessories for mitre band saws:

Roller conveyor front structure for mitre angles up to 60° - right (rem. side)	21 716	**216.00**
Roller conveyor front structure for mitre angles up to 45° - left (feed. side)	21 717	**216.00**

Stop and measurement systems

Folding stop



LM 110 M (img. with roller conveyor URB) **tape measure.** Solid design. Manual length stop complete with stop carriage, tape measure, guide rail, mounting kit. Very solid design with double arm pinion, ball bearing mounted carriage with high holding power.
Positioning accuracy ± 0.10 mm/m

	Order no.	€ plus VAT
Arm with shock absorber spring	21748	**189.00**
Pneumatic arm retraction	21749	**861.00**

(Metal sheet inserts for roller conveyors requ.)

Gauge length	Order no.	€ plus VAT
1,000 mm	21771	**1,029.00**
1,500 mm	21772	**1,301.00**
2,000 mm	21773	**1,322.00**
3,000 mm	21774	**1,497.00**
4,000 mm	21775	**1,647.00**
4,500 mm	21776	**1,813.00**
5,000 mm	21777	**1,823.00**
6,000 mm	21778	**1,988.00**

Folding stop

LM 110 D (img. with roller conveyor URB) **digital.** Manual length stop with digital position display. Complete with stop carriage, tape measure and guide roll. Very solid design with double arm pinion. Carriage ball bearing mounted with high holding power

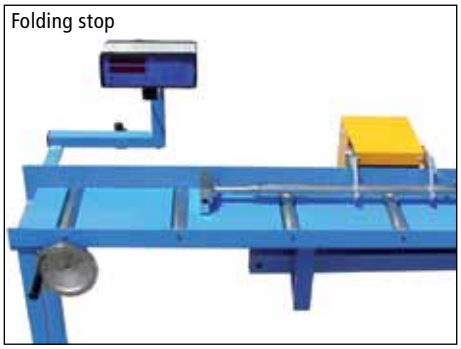
Positioning accuracy ± 0.10 mm/m

	Order no.	€ plus VAT
Arm with shock absorber spring	21748	**189.00**
Pneumatic arm retraction	21749	**861.00**

(Metal sheet inserts for roller conveyors requ.)

Gauge length	Order no.	€ plus VAT
1,000 mm	21791	**3,177.00**
1,500 mm	21792	**3,369.00**
2,000 mm	21793	**3,369.00**
3,000 mm	21794	**3,630.00**
4,000 mm	21795	**3,817.00**
4,500 mm	21796	**4,030.00**
5,000 mm	21797	**4,030.00**
6,000 mm	21798	**4,248.00**

Folding stop



LM 110 DH (img. with roller conveyor URB) **digital + hand wheel.** Manual length stop with digital position display and hand wheel adjustment.
Incl. arm with shock absorber spring, pneum. arm retraction and pneum. clamping of the carriage.
High load capacity through pneumatic clamping.
Very solid design with double arm pinion. Carriage ball bearing mounted with high holding capacity.
Positioning accuracy ± 0.10 mm/m
(Metal sheet inserts for roller conveyors requ.)

Gauge length	Order no.	€ plus VAT
1,000 mm	21811	**6,705.00**
2,000 mm	21813	**6,705.00**
3,000 mm	21814	**7,131.00**
4,000 mm	21815	**7,793.00**
5,000 mm	21817	**8,219.00**
6,000 mm	21818	**8,987.00**

GBS 305 HA-I Easy

Semi-automatic mitre band saw

Extremely powerful,
special drive system

GBS 305 HA-I Easy

- Hydraulic semi-automatic machine
- Mitre left 60° + right 45°
- Solid material support table
- Sensor for material start detection (Reduction of cycle time)
- Protected hydraulic lines
- Quick vice with 2 axles
- Plus all advantages of the GBS 305 AC

Semi-automatic function:

1. Clamping material
2. Saw starts up
3. Lowering in rapid motion until material start or starting cutting immediately for standard cutting
4. Saw band off
5. Lifting frame until just above the material
6. Opening vice

Recommendation:

- Stepless speed control in order to cut the various materials in a band-friendly manner.

Cutting areas	●	■	▬
90°	305	260	350 x 200
45° left	250	230	230 x 200
60° left	175	155	170 x 100
45° ri.	250	230	230 x 200

Technical data	GBS 305 HA-I Easy	
Saw drive 400 V / 50 Hz	1.5 / 1.8 kW	
Saw band speed	37 + 74 m/min.	18 – 110 m/min.
Saw band dimensions	3,375 x 27 x 0.90 mm	
Floor space (D x W x H)	1,480 x 1,700 x 1,900 mm	
Working height	940 mm	
Weight	650 kg	
Order no.	20 462	20 463
Prices € plus VAT	**9,872.00**	**10,838.00**

Universal bi-metal saw bands (HSS-Biflex)

	Order no.	€ plus VAT
2 - 3 tpi		
3 - 4 tpi	22 036	**43.00**
4 - 6 tpi	22 037	**43.00**
5 - 8 tpi	22 038	**43.00**
6 - 10 tpi	22 039	**43.00**
8 - 12 tpi	22 040	**43.00**
10 - 14 tpi	22 041	**43.00**

Special bi-metal high-performance saw bands

Order no.	€ plus VAT
22 280	**51.00**
22 281	**51.00**
22 282	**51.00**
22 283	**51.00**
22 284	**51.00**
22 285	**51.00**
22 286	**51.00**

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Recommended accessories

BERG & SCHMID SÄGETECHNIK
...the future has started

Order no. 19 521 — € plus VAT
Starter-Kit 1 — **284.00**
for saws with standard cooling
3 saw bands 5 - 8 tpi
2 saw bands 8 - 12 tpi
10 l coolant concentrate

Order no. 19 522 — € plus VAT
Starter-Kit 2 — **284.00**
for saws with micro spraying system
3 saw bands 5 - 8 tpi
2 saw bands 8 - 12 tpi
5 l Coolmatic Fluid

For more combination possibilities, see page 80

Accessories GBS 305 HA-I

Levelling elements (1 set = 4 items)	999031	p. set **128.00**
Hydraulic material downholder for burr-free cuts (RS roller conveyor + vertical rollers recommended)	XT40002	**416.00**
Hydraulic locking pressure reduction	X000966	**575.00**
Hydraulic bundle tensioning device (1 set = 2 items) (only in connection with RS roller conveyor + slanting rollers)	X000951	p. set **2,038.00**
Foot switch with connecting cable and plug	970	**186.00**
Material support column, roller width 260 mm height-adjustable from 800 -1150 mm (8 kg)	20 855	**120.00**
B&S Super Cool coolant concentrate for integrated standard cooling		
water soluble from 1:5 to 1:15 5 l canister	20 805	**57.00**
10 l canister	20 810	**101.00**
B&S COOLMATIC PLUS Micro spraying system 24 V/AC for HA-I Easy including 1 l fluid, spray head and holder	20 625	**816.00**
B&S COOLMATIC PLUS Micro spraying system 24 V/DC for HA-I MPS including 1 l fluid, spray head and holder	20 626	**816.00**
B&S COOLMATIC Fluid 1 l bottle	20 660	**24.00**
5 l canister	20 661	**101.00**

Universal roller conveyors

URB 400
Roller width 400 mm
Optionally steel or plastic rollers.
Load capacity 400 kg/m, height-adjustable

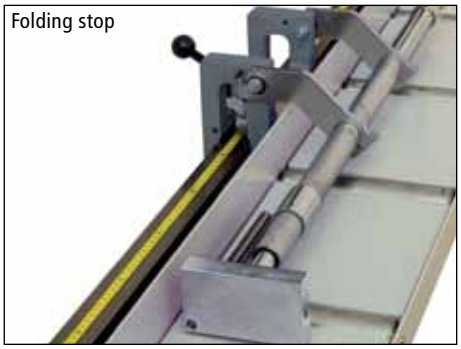
Length 1,000 mm with 1 support	21 721	**394.00**
Length 2,000 mm with 2 supports	21 722	**592.00**
Length 3,000 mm with 2 supports	21 723	**948.00**
Length 4,000 mm with 2 supports	21 724	**1,151.00**
Length 5,000 mm with 3 supports	21 725	**1,503.00**
Length 6,000 mm with 3 supports	21 726	**1,700.00**

Note: Please specify the feeding and removal sides for roller conveyors and adapters!

Option for roller conveyors URB 400:		
- Metal sheet inserts (per m roller conveyor)	21 708	**66.00**
- Cross-beam for free-standing roller conveyors each 2,000 mm	21 710	**96.00**
- Feeding and removing adapter (connector to the machine)	21 715	**81.00**
Optional accessories for mitre band saws:		
Roller conveyor front structure for mitre angles up to 60° - right (rem. side)	21 716	**216.00**
Roller conveyor front structure for mitre angles up to 45° - left (feed. side)	21 717	**216.00**

Stop and measurement systems

Folding stop



LM 110 M (img. with roller conveyor URB) **Tape measure.** Solid design. Manual length stop complete with stop carriage, tape measure, guide rail, mounting kit. Very solid design with double arm pinion, ball bearing mounted carriage with high holding power.
Positioning accuracy ± 0,10 mm/m

	Order no.	€ plus VAT
Arm with shock absorber spring	21748	**189.00**
Pneumatic arm retraction	21749	**861.00**

(Metal sheet inserts for roller conveyors requ.)

Gauge length	Order no.	€ plus VAT
1,000 mm	21771	**1,029.00**
1,500 mm	21772	**1,301.00**
2,000 mm	21773	**1,322.00**
3,000 mm	21774	**1,497.00**
4,000 mm	21775	**1,647.00**
4,500 mm	21776	**1,813.00**
5,000 mm	21777	**1,823.00**
6,000 mm	21778	**1,988.00**

Folding stop

LM 110 D (img. with roller conveyor URB) **digital.** Manual length stop with digital position display. Complete with stop carriage, tape measure and guide roll. Very solid design with double arm pinion. Carriage ball bearing mounted with high holding power.

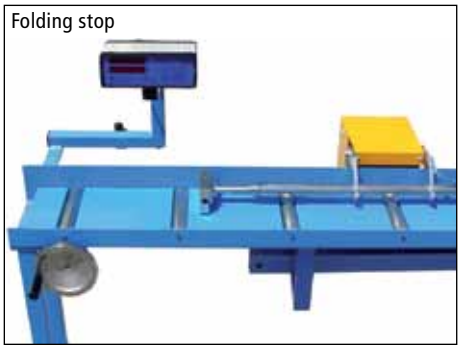
Positioning accuracy ± 0.10 mm/m

	Order no.	€ plus VAT
Arm with shock absorber spring	21748	**189.00**
Pneumatic arm retraction	21749	**861.00**

(Metal sheet inserts for roller conveyors requ.)

Gauge length	Order no.	€ plus VAT
1,000 mm	21791	**3,177.00**
1,500 mm	21792	**3,369.00**
2,000 mm	21793	**3,369.00**
3,000 mm	21794	**3,630.00**
4,000 mm	21795	**3,817.00**
4,500 mm	21796	**4,030.00**
5,000 mm	21797	**4,030.00**
6,000 mm	21798	**4,248.00**

Folding stop



LM 110 DH (img. with roller conveyor URB) **digital + hand wheel.** Manual length stop with digital position display and hand wheel adjustment.
Incl. arm with shock absorber spring, pneum. arm retraction and pneum. clamping of the carriage.
Very solid design with double arm pinion. Carriage ball bearing mounted with high holding capacity.
Positioning accuracy ± 0.10 mm/m
(Metal sheet inserts for roller conveyors requ.)

Gauge length	Order no.	€ plus VAT
1,000 mm	21811	**6,705.00**
2,000 mm	21813	**6,705.00**
3,000 mm	21814	**7,131.00**
4,000 mm	21815	**7,793.00**
5,000 mm	21817	**8,219.00**
6,000 mm	21818	**8,957.00**

GBS 305 VA-I
Mitre band saw

in 2 designs:

GBS 305 VA-I MPS
with micro processor control

GBS 305 Super VA-I CNC
with CNC control

- Fully automatic hydraulic machine
- Mitre left 45° automatic operation
- Mitre left 60° semi-automatic operation

Easily accessible!

- To saw, material as well as feed unit
- Feeding fine adjustment and manual cut!

Highlights

- Compatible with solids
- Material detection (automatic)
- Vertical vice (cutting side)
- Residue-free rotary material table
- Special power transmission, highly efficient

Cutting areas	●	■	▬
90°	305	260	350 x 200
45° left	250	230	230 x 200
60° left	175	155	170 x 100

Technical data	GBS 305 VA-I MPS		GBS 305 VA-I CNC
Saw drive 400 V / 50 Hz	1.5 / 1.8 kW		1.5 / 1.8 kW
Saw band speed	37 + 74 m/min.	18 – 110 m/min.	18 – 110 m/min.
Saw band dimensions	3,375 x 27 x 0.90	mm	3,375 x 27 x 0.90 mm
Floor space (D x W x H)	1,900 x 1,850 x 2,000 mm		1,900 x 1,850 x 2,000 mm
Working height	870 mm		870 mm
Weight	842 kg		892 kg
Order no.	20 476	20 477	20 478
Prices € plus VAT	**17,676.00**	**18,976.00**	**21,505.00**

Universal bi-metal saw bands (HSS-Biflex)

	Order no.	€ plus VAT
2 - 3 tpi		
3 - 4 tpi	22 036	**43.00**
4 - 6 tpi	22 037	**43.00**
5 - 8 tpi	22 038	**43.00**
6 - 10 tpi	22 039	**43.00**
8 - 12 tpi	22 040	**43.00**
10 - 14 tpi	22 041	**43.00**

Special bi-metal high-performance saw bands

Order no.	€ plus VAT
22 280	**51.00**
22 281	**51.00**
22 282	**51.00**
22 283	**51.00**
22 284	**51.00**
22 285	**51.00**
22 286	**51.00**

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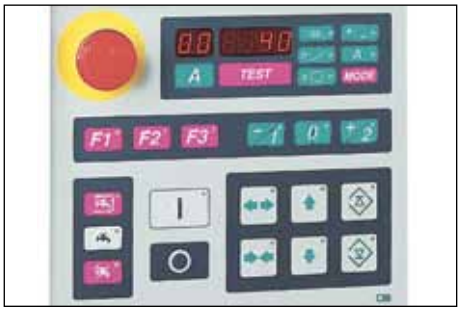

Automatic sawing with micro processor control

Adjustable for 2 program levels

Semi-automatic operation
Selection between 3 pre-programmed working cycles (F1, F2, F3)

Fully automatic operation
Start after entering the required work piece quantity and length: Material ingate - cutting and unit counting until the program is finished

- **MPS control**
  for entering the required quantity + feeds (feed length)
- All important machine data are shown on the LED display during the cutting process (power input, cutting time, quantity and so forth)
- The recorded data is stored in the RAM memory
- The auto diagnostics control automatically displays all irregularities as an error message and monitors the entire process

Order no. 19 522 — **€** plus VAT.
Starter-Kit 1 — **284.00**
for saws with standard cooling
3 saw bands 4 - 6 tpi
2 saw bands 6 - 10 tpi
10 l coolant concentrate

Order no. 19 523 — **€** plus VAT
Starter-Kit 2 — **284.00**
for saws with micro spraying system
3 saw bands 4 - 6 ZpZ
2 saw bands 6 - 10 ZpZ
5 l Coolmatic Fluid

Image RS 400 with length measuring device

Automatic feeding unit (MPS)
Floating feeding unit.
Length adjustment via hand wheel and nonius with mechanical position display. Adjustable for cut-off lengths from 2.5 mm up to 420 mm or via automatic reverse repeatable 1 - 29 times, remaining length 80 mm

For more combination possibilities, see page 80

Optimise working processes with CNC controls
Because of the possibility to enter various parameters like quantities and material lengths, the CNC version is the ideal addition in order to optimise working processes.

CNC controls
for 10 different sawing programs
with 99 sub-programs for various lengths and quantities, e.g. 1 cutting program with various cut-off lengths

Automatic feeding unit (CNC) via ball roll spindle
Incremental feed with automatic length compensation. Adjustable for cut-off lengths from 2 mm up to 9,999 mm, remaining length 170 mm

Recommended accessories

Levelling elements (1 set = 4 items)	999031	p. set **128.00**
Material support column, roller width 260 mm height-adjustable from 800 -1150 mm (8 kg)	20 855	**120.00**
Hydraulic locking pressure reduction (1 set = 2 items)	X000964	p. set **622.00**
Hydraulic bundle tensioning device (1 set = 2 items) (only in connection with RS roller conveyor + slanting rollers)	X000951	p. set **2,038.00**
B&S Super Cool coolant concentrate for integrated standard cooling		
water soluble from 1:5 to 1:15 5 l canister	20 805	**57.00**
10 l canister	20 810	**101.00**
B&S COOLMATIC PLUS Micro spraying system 24 V/DC including 1 l fluid, spray head and holder	20 626	**816.00**
B&S COOLMATIC Fluid 1 l bottle	20 660	**24.00**
5 l canister	20 661	**101.00**

Super roller conveyors

RS 400
Solid steel roller with a width of 400 mm, load capacity 400 kg/m. and height-adjustable from 870 - 1010 mm.
Extra robust construction for a high load capacity
Shipment without adapter (connector to the machine).

Note:
Please specify the feeding and removal sides for roller conveyors and adapters!

Feeding/Removing roller conveyor		
Basic unit 2,000 mm with 2 supports	21 020	**774.00**
Extension unit 2,000 mm with 1 support	21 021	**649.00**
Removing roller conveyor with length measuring device		
Basic unit length 1,800 mm with 2 supports	21 026	**1,401.00**
Extension unit length 2,000 mm with 1 support	21 028	**1,288.00**
Adapter RS 400		
Feeding side not required / Removing side on request		
Additional support for Super roller conveyors	690027	**140.00**
Steel carrying roller 60 x 400 mm	759501	**32.00**
Slanting rollers for bundle tensioner 1 set = 2 rollers	21 142	p. set **229.00**
Vertical rollers for lateral material support 1 set = 2 rollers	21 143	p. set **266.00**

GBS 310 / 400 HA-I Easy

Double mitre band saw

Hydraulic semi-automatic machine

The master of its class with a 34 mm saw band, unique!

- Manual function, selectable
- Industral hydraulics, powerful 18 bar
- Very good access to the material
- Control elements and switchboard arranged safely
- Amperemeter for monitoring purposes
  - Optimisation of cutting power
  - Service life of the band
  - Cutting process

\+ All advantages of the GBS 305

- Vice closes/opens hydraulically
- Quick vice with 2 axles for a pre-positioning or mitre

- Rotary material table, ball bearing mounted
- Excellent guiding of the vice through a wide line layout

Cutting areas	●	■	▬
90°	310	280	400 x 250
45° left	280	270	300 x 220
45° ri.	280	270	300 x 220
60° left	210	200	200 x 200

Technical data	GBS 310 / 400 HA-I Easy		Saw bands	Order no.	€ plus VAT
Saw drive 400 V / 50 Hz	1.8 / 2.2 kW	2.2 kW	2 - 3 tpi	22 152	**64.00**
Saw band speed	37 + 74 m/min.	15 – 100 m/min.	3 - 4 tpi	22 153	**64.00**
Saw band dimensions	4,020 x 34 x 1.1 mm		4 - 6 tpi	22 154	**64.00**
Floor space (D x W x H)	1,480 x 1,800 x 1,900 mm		5 - 8 tpi	22 155	**64.00**
Working height	940 mm		6 - 10 tpi	22 156	**64.00**
Weight	677 kg		8 - 12 tpi	22 157	**64.00**
Order no.	20 464	20 465	10 - 14 tpi	22 158	**64.00**
Prices € plus VAT	**11,589.00**	**12,463.00**			

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Recommended accessories

BERG & SCHMID SÄGETECHNIK
...the future has started

Order no. 19 525 — € plus VAT
Starter-Kit 1 — **336.00**
for saws with standard cooling

3 saw bands 4 - 6 tpi
2 saw bands 6 - 10 tpi
10 l coolant concentrate

Order no. 19 526 — € plus VAT
Starter-Kit 2 — **336.00**
for saws with micro spraying system

3 saw bands 4 - 6 tpi
2 saw bands 6 - 10 tpi
5 . Coolmatic Fluid

For more combination possibilities, see page 80

Accessories GBS 310 / 400 HA-I Easy

Levelling elements (1 set = 4 items)	999031	p. set **128.00**
Hydraulic material downholder for burr-free cuts (RS roller conveyor + vertical rollers recommended)	XT40002	**416.00**
Hydraulic locking pressure reduction	X000966	**575.00**
Hydraulic bundle tensioning device (1 set = 2 items) (only in connection with RS roller conveyor + slanting rollers)	X000951	p. set **2,038.00**
Foot switch with connecting cable and plug	970	**186.00**
Material support column, roller width 260 mm height-adjustable from 800 -1150 mm (8 kg)	20 855	**120.00**
B&S Super Cool coolant concentrate for integrated standard cooling water soluble from 1:5 to 1:15 5 l canister	20 805	**57.00**
10 l canister	20 810	**101.00**
B&S COOLMATIC PLUS Micro spraying system 24 V/AC for HA-I Easy including 1 l fluid, spray head and holder	20 625	**816.00**
B&S COOLMATIC Fluid 1 l bottle	20 660	**24.00**
5 l canister	20 661	**101.00**

Universal roller conveyors

URB 400
Roller width 400 mm
Optionally steel or plastic rollers.
Load capacity 400 kg/m, height-adjustable

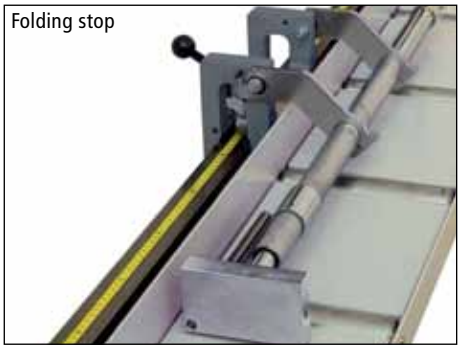
Length 1,000 mm with 1 support	21 721	**394.00**
Length 2,000 mm with 2 supports	21 722	**592.00**
Length 3,000 mm with 2 supports	21 723	**948.00**
Length 4,000 mm with 2 supports	21 724	**1,151.00**
Length 5,000 mm with 3 supports	21 725	**1,503.00**
Length 6,000 mm with 3 supports	21 726	**1,700.00**

Note: Please specify the feeding and removal sides for roller conveyors and adapters!

Option for roller conveyors URB 400:		
-Metal sheet inserts (per m roller conveyor)	21 708	**66.00**
-Cross-beam for free-standing roller conveyors each 2,000 mm	21 710	**96.00**
-Feeding and removing adapter (connector to the machine)	21 715	**81.00**
Optional accessories for mitre band saws:		
Roller conveyor front structure for mitre angles up to 60° - right (rem. side)	21 716	**216.00**
Roller conveyor front structure for mitre angles up to 45° - left (feed. side)	21 717	**216.00**

Stop and measurement systems

Folding stop



LM 110 M (img. with roller conveyor URB) **tape measure.** Solid design. Manual length stop complete with stop carriage, tape measure, guide rail, mounting kit. Very solid design with double arm pinion, ball bearing mounted carriage with high holding power.
Positioning accuracy ± 0.10 mm/m

	Order no.	€ plus VAT
Arm with shock absorber spring	21748	**189.00**
Pneumatic arm retraction	21749	**861.00**

(Metal sheet inserts for roller conveyors requ.)

Gauge length	Order no.	€ plus VAT
1,000 mm	21771	**1,029.00**
1,500 mm	21772	**1,301.00**
2,000 mm	21773	**1,322.00**
3,000 mm	21774	**1,497.00**
4,000 mm	21775	**1,647.00**
4,500 mm	21776	**1,813.00**
5,000 mm	21777	**1,823.00**
6,000 mm	21778	**1,988.00**

Folding stop

LM 110 D (img. with roller conveyor URB) digital. Manual length stop with digital position display. Complete with stop carriage, tape measure and guide roll. Very solid design with double arm pinion. Carriage ball bearing mounted with high holding power.

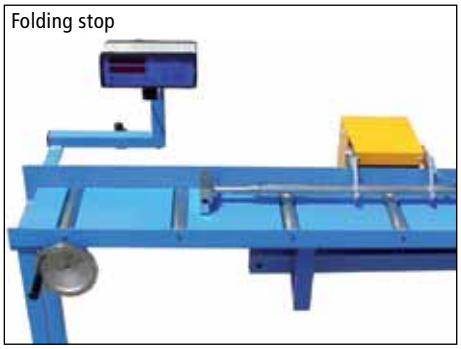
Positioning accuracy ± 0.10 mm/m

	Order no.	€ plus VAT
Arm with shock absorber spring	21748	**189.00**
Pneumatic arm retraction	21749	**861.00**

(Metal sheet inserts for roller conveyors requ.)

Gauge length	Order no.	€ plus VAT
1,000 mm	21791	**3,177.00**
1,500 mm	21792	**3,369.00**
2,000 mm	21793	**3,369.00**
3,000 mm	21794	**3,630.00**
4,000 mm	21795	**3,817.00**
4,500 mm	21796	**4,030.00**
5,000 mm	21797	**4,030.00**
6,000 mm	21798	**4,248.00**

Folding stop



LM 110 DH (img. with roller conveyor URB) **digital + hand wheel.** Manual length stop with digital position display and hand wheel adjustment.
Incl. arm with shock absorber spring, pneum. arm retraction and pneum. clamping of the carriage.
Very solid design with double arm pinion. Carriage ball bearing mounted with high holding capacity.
Positioning accuracy ± 0.10 mm/m
(Metal sheet inserts for roller conveyors requ.)

Gauge length	Order no.	€ plus VAT
1,000 mm	21811	**6,705.00**
2,000 mm	21813	**6,705.00**
3,000 mm	21814	**7,131.00**
4,000 mm	21815	**7,793.00**
5,000 mm	21817	**8,219.00**
6,000 mm	21818	**8,957.00**

GBS 310 / 400 VA-I
Mitre band saws

The master of its class with a 34 mm saw band, unique!

in 2 designs:

GBS 310 / 400 VA-I MPS
with micro prozessor control

GBS 310 / 400 VA-I CNC
with CNC control

- Fully automatic hydraulic machine
- Mitre left 45° automatic operation
- Mitre left 60° semi-automatic operation

Removable chipping tank (Disinfection)

- Large cutting area with automatic material scanning
- Low-vibration bevel cut in each position, even at material end

Cutting side:

- Standard vertical vice

Cutting areas	●	■	▬
90°	310	280	400 x 250
45° left	280	270	300 x 200
60° left	210	200	200 x 200

Technical data	GBS 310 / 400 VA-I MPS		GBS 310 / 400 VA-I CNC
Saw drive 400 V / 50 Hz	1.8 / 2.2 kW	2.2 kW	2.2 kW
Saw band speed	37 + 74 m/min.	15 – 100 m/min.	15 – 100 m/min.
Saw band dimension	4,020 x 34 x 1.1 mm		4,020 x 34 x 1.1 mm
Floor space (D x W x H)	2,200 x 1,850 x 2100		2,200 x 1,850 x 2100
Weight	892 kg		942 kg
Order no.	20 471	20 472	20 475
Prices € plus VAT	on request	on request	on request

Saw bands

	Order no.	€ plus VAT	Order no.	€ plus VAT
2 - 3 tpi	22 152	**64.00**	22 152	**64.00**
3 - 4 tpi	22 153	**64.00**	22 153	**64.00**
4 - 6 tpi	22 154	**64.00**	22 154	**64.00**
5 - 8 tpi	22 155	**64.00**	22 155	**64.00**
6 - 10 tpi	22 156	**64.00**	22 156	**64.00**
8 - 12 tpi	22 157	**64.00**	22 157	**64.00**
10 - 14 tpi	22 158	**64.00**	22 158	**64.00**

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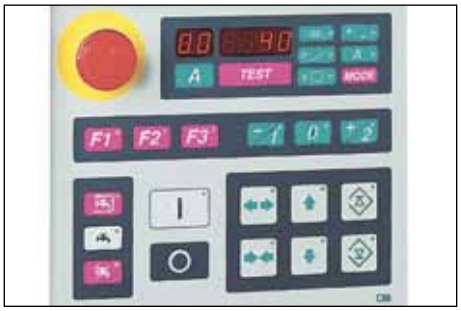

Automatic sawing with micro processor controls

Adjustable for 2 program levels

Semi-automatic operation
Selection between 3 pre-programmed working cycles (F1, F2, F3)

Fully automatic operation
Start after entering the required work piece quantity and length: Material ingate - cutting and unit counting until the program is finished

- **MPS control**
  for entering the required quantity + feeds (feed length)
- ll important machine data are shown on the LED display during the cutting process (power input, cutting time, quantity etc.)
- The recorded data is stored in the RAM memory
- The auto diagnostics control automatically displays all irregularities as an error message and monitors the entire process

Automatic feeding unit (MPS)
Floating feeding unit.
Length adjustment via hand wheel and nonius with mechanical position display. Adjustable for cut-off lengths from 2.5 mm up to 420 mm or via automatic reverse repeatable 1 - 29 times, remaining length 170 mm

For more combination possibilities, see page 80

Optimise working processes with CNC controls
Because of the possibility to enter various parameters like quantities and material lengths, the CNC version is the ideal addition in order to optimise working processes.

CNC controls
for 10 different sawing programs
with 99 sub-programs for various lengths and quantities, e.g. 1 cutting program with various cut-off lengths

Automatic feeding unit (CNC) via ball roll spindle
Incremental feed with automatic length compensation. Adjustable for cut-off lengths from 2 mm up to 9,999 mm, remaining length 170 mm

Order no. 19 527 — € plus VAT
Starter-Kit 1 — **318.00**
for saws with standard cooling

3 saw bands 4 - 6 tpi
2 saw bands 6 - 10 tpi
10 l coolant concentrate

Order no. 19 528 — € plus VAT
Starter-Kit 2 — **318.00**
for saws with micro spraying system

3 saw bands 4 - 6 tpi
2 saw bands 6 - 10 tpi
5 l Coolmatic Fluid

Image RS 400 with length measuring device

Recommended accessories

Levelling elements (1 set = 4 items)	999031	p. set **128.00**
Bundle tensioner and downholding device	on request	
Material support column, roller width 260 mm height-adjustable from 800 -1150 mm (8 kg)	20 855	**120.00**
B&S Super Cool Coolant concentrate for integrated standard cooling		
water soluble from 1:5 to 1:15 5 l canister	20 805	**57.00**
10 l canister	20 810	**101.00**
B&S COOLMATIC PLUS Micro spraying system 24 V/DC including 1 l fluid, spray head and holder	20 626	**816.00**
B&S COOLMATIC Fluid 1 l bottle	20 660	**24.00**
5 l canister	20 661	**101.00**

Super roller conveyors

RS 400
Solid steel rollers with a width of 400 mm, load capacity 400 kg/m.
and height-adjustable from 870 - 1010 mm.
Extra robust construction for a high load capacity
Shipment without adapter (connector to the machine).

Note:
Please specify the feeding and removal sides for roller conveyors and adapters!

Feeding/removing roller conveyor		
Basic unit 2,000 mm with 2 supports	21 020	**774.00**
Extension unit 2,000 mm with 1 support	21 021	**649.00**
Removing roller conveyor with length measuring device		
Basic unit length 1,800 mm with 2 supports	21 026	**1,401.00**
Extension unit length 2,000 mm with 1 support	21 028	**1,288.00**
Adapter RS 400 (on request)		
Additional support for Super roller conveyors	690027	**140.00**
Steel carrying roller 60 x 400 mm	759501	**32.00**
Slanting rollers for bundle tensioning 1 set = 2 rollers	21 142	p.set **229.00**
Vertical rollers for lateral material support 1 set = 2 rollers	21 143	p.set **266.00**

Industry Line

The expert for section steels up to 450 mm...

DGS 350 / 450 HA-I Easy

Hydr. double mitre band saw
60° left + 60° right!!!

- Profile saw up to 450 mm in a minimum of space!
- Mitre cuts without retrofit
- **27 or 34 mm saw band height**
- Automatic material recognition
  – Height sensor recognises material start or end (ease of work, convenience, band safety)
- Splash guard
- Constructional omission of interfering electronics and increase of the operational safety
- Tank is removable (Disinfection)
- Very easy to handle
- Option

- Solid, large Material bearing
- Fail-safe mitre display

- Selector, intelligent saw band function
- Large switch cabinet, pivotable, with main switch

Optimum , material-independent cutting result through fine adjustment of the sawing frame via:
*Pressure regulator (cutting pressure)
*Feed control valve (speed)
*switch with pictogramm, easy to use

Cutting areas	○	□	▭ (w. height switch at 90°/45° – 40 mm)
90°	350	330	450 x 320
45° le. + ri.	340	320	320 x 300
60° left	210	200	180 x 270
60° right	160	150	150 x 270

Technical data	**DGS 350 / 450 HA-I Easy**	**HA-I (34 mm)**	**Saw bands (27 mm)**			**Saw bands (34 mm)**	
Mitre cuts	up to 60° left + right			Order no.	€ plus VAT	Order no.	€ plus VAT
Saw drive	1.7 / 2.2 kW / 400 V		2 - 3 tpi	22 182	**61.00**	22 057	**64.00**
Saw band speed	35 + 70 m/min.		3 - 4 tpi	22 183	**61.00**	22 058	**64.00**
Saw band dimensions	4,250 x 27 x 0.9 mm	4,250 x 34 x 1.1 mm	4 - 6 tpi	22 184	**61.00**	22 059	**64.00**
Floor space (D x W x H)	2,500 x 900 (1,200) x 2,200		5 - 8 tpi	22 185	**61.00**	22 060	**64.00**
Weight	930 kg		6 - 10 tpi	22 186	**61.00**	22 061	**64.00**
Order no.	20 470	20 487	8 - 12 tpi	22 187	**61.00**		
Prices € plus VAT	**12,256.00**	**13,447.00**	10 - 14 tpi	22 188	**61.00**		

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Recommended accessories

BERG & SCHMID SÄGETECHNIK
...the future has started

Order no. 19 527 — € plus VAT
Starter-Kit 1 — **318.00**
for saws with standard cooling
3 saw bands 4 - 6 tpi
2 saw bands 6 - 10 tpi
10 l coolant concentrate

Order no. 19 528 — € plus VAT
Starter-Kit 2 — **318.00**
for saws with micro spraying system
3 saw bands 4 - 6 tpi
2 saw bands 6 - 10 tpi
5 l Coolmatic Fluid

For more combination possibilities, see page 80

Note:
Please specify the feeding and removal sides for roller conveyors and adapters!

Accessories DGS 350 / 450 HA-I Easy

Levelling elements (1 set = 4 items)	999031	p. set **128.00**
Laser for cutting on marking	X524010	**1,237.00**
Lifting infeed/output rollers »is recommended«	999999	on request
Material support column, roller width 260 mm height-adjustable from 800 -1150 mm (8 kg)	20 855	**120.00**
B&S Super Cool Coolant concentrate for integrated standard cooling water soluble from 1:5 to 1:15 5 l canister	20 805	**57.00**
10 l canister	20 810	**101.00**
B&S COOLMATIC PLUS Micro spraying system 24 V/AC including 1 l fluid, spray head and holder	20 625	**816.00**
B&S COOLMATIC Fluid 1 l bottle	20 660	**24.00**
5 l canister	20 661	**101.00**

Super roller conveyors

RS 450
Heavy roller conveyor design, roller width 450 mm
5 rollers Ø 76 mm, load capacity per roller 550 kg
Extremely steady, easy to fix
Feeding/Removing roller conveyor

Unit 1,500 mm	21 040	**1,061.00**
Connecting adapter 60° with roller conveyor (length 700 mm)	999999	**510.00**

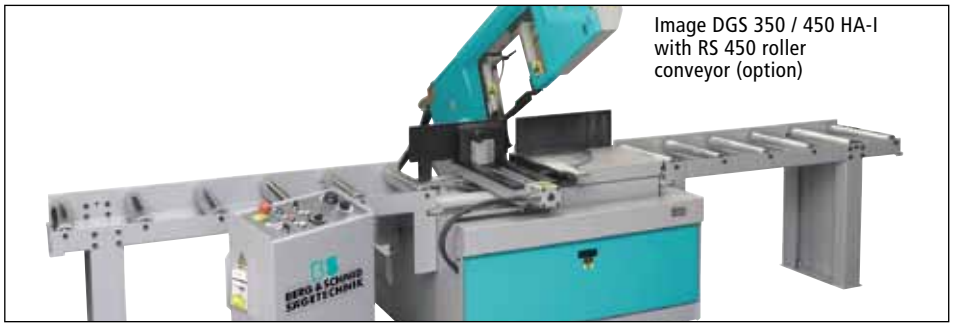
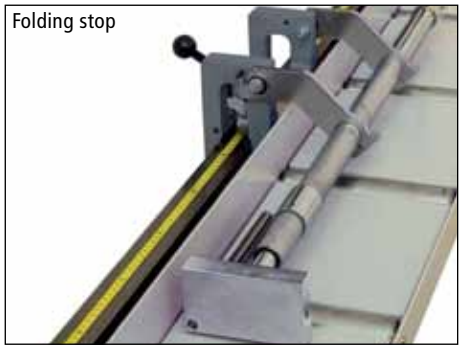


Image DGS 350 / 450 HA-I with RS 450 roller conveyor (option)

Semi-automatic

Stop and measurement systems



Folding stop

LM 110 M (img. with roller conveyor URB) **tape measure.** Solid design. Manual length stop complete with stop carriage, tape measure, guide rail, mounting kit. Very solid design with double arm pinion, ball bearing mounted carriage with high holding power.
Positioning accuracy ± 0.10 mm/m

	Order no.	€ plus VAT
Arm with shock absorber spring	21748	**189.00**
Pneumatic arm retraction	21749	**861.00**

(Metal sheet inserts for roller conveyors requ.)

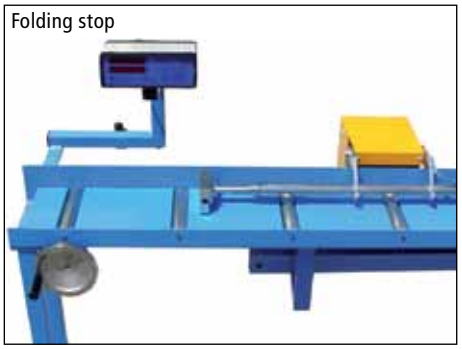
Folding stop

LM 110 D (img. with roller conveyor URB) **digital.** Manual length stop with digital position display. Complete with stop carriage, tape measure and guide roll. Very solid design with double arm pinion. Carriage ball bearing mounted with high holding power.

Positioning accuracy ± 0.10 mm/m

	Order no.	€ plus VAT
Arm with shock absorber spring	21748	**189.00**
Pneumatic arm retraction	21749	**861.00**

(Metal sheet inserts for roller conveyors requ.)



Folding stop

LM 110 DH (img. with roller conveyor URB) digital + hand wheel. Manual length stop with digital position display and hand wheel adjustment. Incl. arm with shock absorber spring, pneum. arm retraction and pneum. clamping of the carriage. High load capacity through pneumatic clamping. Very solid design with double arm pinion. Carriage ball bearing mounted with high holding capacity. Positioning accuracy ± 0.10 mm/m
(Metal sheet inserts for roller conveyors requ.)

Gauge length	Order no.	€ plus VAT
1,500 mm	21772	**1,301.00**
3,000 mm	21774	**1,497.00**
4,500 mm	21776	**1,813.00**
6,000 mm	21778	**1,988.00**

Gauge length	Order no.	€ plus VAT
1,000 mm	21791	**3,177.00**
1,500 mm	21792	**3,369.00**
2,000 mm	21793	**3,369.00**
3,000 mm	21794	**3,630.00**
4,000 mm	21795	**3,817.00**
4,500 mm	21796	**4,030.00**
5,000 mm	21797	**4,030.00**
6,000 mm	21798	**4,248.00**

Gauge length	Order no.	€ plus VAT
1,000 mm	21811	**6,705.00**
2,000 mm	21813	**6,705.00**
3,000 mm	21814	**7,131.00**
4,000 mm	21815	**7,793.00**
5,000 mm	21817	**8,219.00**
6,000 mm	21818	**8,957.00**

The saw for steel workers and hall assemblers...

DGS 350/450 HA-I
Double mitre band saw

- Semi-automatic hydraulic machine with a huge cutting area
- Mitre left + right 60° without machine retrofit
- Frequency controlled saw drive
- Maximum cutting area
  - ▭ 450 x 320 mm
  - ○ 350 mm
- **27 or 34 mm saw band height**
- Large rotary material support table, ball bearing mounted

Sensor for automatic material detection
Saw band guides are positioned via very wide linear guiding
Strong, robust gearbox
Very quick pre-clamping (Front loading)
Cutting pressure controlled feed controller
Fully hydraulic vice
Extensive fixing plates
Infeed and output roll
Removable chipping tank (Disinfection)
BERG & SCHMID SÄGETECHNIK
Freestanding operating panel, safe and ergonomic, intuitive handling
Storage space for bands, expendables

Cutting areas	○	□	▭	●	■	▬ (w. height switch at 90°/45° – 40 mm)
90°	350	330	450 x 320			
45° le. + ri.	340	320	320 x 300			
60° left	210	200	180 x 270			
60° right.	160	150	150 x 270			

Technical data	DGS 350 / 450 HA-I	HA-I (34 mm)	Saw bands (27 mm)			Saw bands (34 mm)	
Mitre cuts	up to 60° left + right		Order no.	€ plus VAT	Order no.	€ plus VAT	
Saw drive	2.2 kW / 400 V		2 - 3 tpi	22 182	**61.00**	22 057	**64.00**
Saw band speed	15 - 100 m/min.		3 - 4 tpi	22 183	**61.00**	22 058	**64.00**
Saw band dimensions	4,250 x 27 x 0.9 mm	4,250 x 34 x 1.1 mm	4 - 6 tpi	22 184	**61.00**	22 059	**64.00**
Floor space (D x W x H)	1,400 x 2,000 x 2,180 mm		5 - 8 tpi	22 185	**61.00**	22 060	**64.00**
Working height	845 mm		6 - 10 tpi	22 186	**61.00**	22 061	**64.00**
Weight	982 kg	987 kg	8 - 12 tpi	22 187	**61.00**		
Order no.	20 466	20 467	10 - 14 tpi	22 188	**61.00**		
Prices € plus VAT	**14,558.00**	**16,806.00**					

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Recommended accessories

BERG & SCHMID SÄGETECHNIK
...the future has started

Order no. 19 527 — € plus VAT
Starter-Kit 1 (27 mm) **318.00**
for saws with standard cooling
3 saw bands 4 - 6 tpi
2 saw bands 6 - 10 tpi
10 l coolant concentrate

Order no. 19 528 — € plus VAT
Starter-Kit 2 (27 mm) **318.00**
for saws with micro spraying system
3 saw bands 4 - 6 tpi
2 saw bands 6 - 10 tpi
5 l Coolmatic Fluid

Order no. 19 529 — € plus VAT
Starter-Kit 1 (34 mm) **332.00**
for saws with standard cooling
3 saw bands 4 - 6 tpi
2 saw bands 6 - 10 tpi
10 l coolant concentrate

Order no. 19 530 — € plus VAT
Starter-Kit 2 (34 mm) **332.00**
for saws with micro spraying system
3 saw bands 4 - 6 tpi
2 saw bands 6 - 10 tpi
5 l Coolmatic Fluid

For more combination possibilities, see page 80

Accessories DGS 350 / 450 HA-I

Levelling elements (1 set = 4 items)	999031	p. set **128.00**
Digital display of mitre settings via display	99 999	**1,492.00**
Laser for sawing on marking	X524010	**1,237.00**
Lifting infeed/output roller »is recommended«	999999	on request
Material support column, roller width 260 mm height-adjustable from 800 -1150 mm (8 kg)	20 855	**120.00**
B&S Super Cool Coolant concentrate for integrated standard cooling		
water soluble from 1:5 to 1:15 5 l canister	20 805	**57.00**
10 l canister	20 810	**101.00**
B&S COOLMATIC PLUS Micro spraying system 24 V/AC including 1 l fluid, spray head and holder	20 625	**816.00**
B&S COOLMATIC Fluid 1 l bottle	20 660	**24.00**
5 l canister	20 661	**101.00**

Super roller conveyors

RS 450
Heavy roller conveyor design, roller width 450 mm
5 rollers Ø 76 mm, load capacity per roller 550 kg
Very steady, easy to fix
Feeding/Removing roller conveyor
Unit 1,500 mm — 21 040 — **1,061.00**

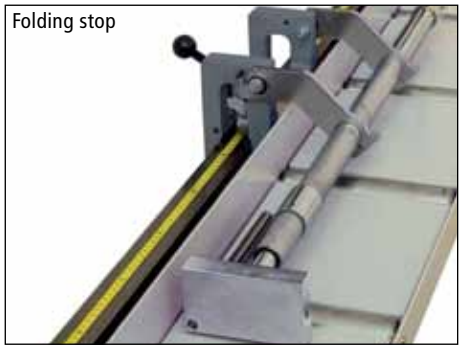
Note:
Please specify the feeding and removal sides for roller conveyors and adapters!

Image DGS 350 / 450 HA-I with RS 450 roller conveyor (option)

Semi-automatic

Stop and measurement systems

Folding stop



LM 110 M (img. with roller conveyor URB) **tape measure.** Solid design. Manual length stop complete with stop carriage, tape measure, guide rail, mounting kit. Very solid design with double arm pinion. Ball bearing mounted carriage with high holding power.
Positioning accuracy ± 0.10 mm/m

	Order no.	€ plus VAT
Arm with shock absorber spring	21748	**189.00**
Pneumatic arm retraction	21749	**861.00**

(Metal sheet inserts for roller conveyors requ.)

Folding stop

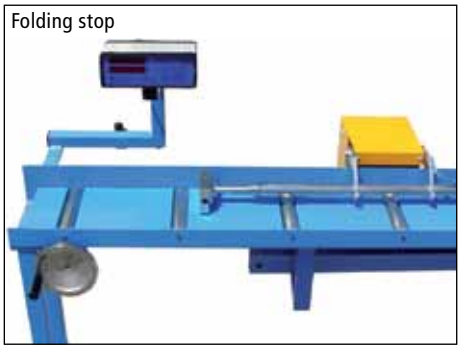
LM 110 D (img. with roller conveyor URB) **digital.** Manual length stop with digital position display. Complete with stop carriage, tape measure and guide roll. Very solid design with double arm pinion. Carriage ball bearing mounted with high holding power.

Positioning accuracy ± 0.10 mm/m

	Order no.	€ plus VAT
Arm with shock absorber spring	21748	**189.00**
Pneumatic arm retraction	21749	**861.00**

(Metal sheet inserts for roller conveyors requ.)

Folding stop



LM 110 DH (img. with roller conveyor URB) **digital + hand wheel.** Manual length stop with digital position display and hand wheel adjustment.
Incl. arm with shock absorber spring, pneum. arm retraction and pneum. clamping of the carriage.
Very solid design with double arm pinion. Carriage ball bearing mounted with high holding capacity.
Positioning accuracy ± 0.10 mm/m
(Metal sheet inserts for roller conveyors requ.)

Gauge length	Order no.	€ plus VAT
1,500 mm	21772	**1,301.00**
3,000 mm	21774	**1,497.00**
4,500 mm	21776	**1,813.00**
6,000 mm	21778	**1,988.00**

Gauge length	Order no.	€ plus VAT
1,000 mm	21791	**3,177.00**
1,500 mm	21792	**3,369.00**
2,000 mm	21793	**3,369.00**
3,000 mm	21794	**3,630.00**
4,000 mm	21795	**3,817.00**
4,500 mm	21796	**4,030.00**
5,000 mm	21797	**4,030.00**
6,000 mm	21798	**4,248.00**

Gauge length	Order no.	€ plus VAT
1,000 mm	21811	**6,705.00**
2,000 mm	21813	**6,705.00**
3,000 mm	21814	**7,131.00**
4,000 mm	21815	**7,793.00**
5,000 mm	21817	**8,219.00**
6,000 mm	21818	**8,957.00**

Industry Line

DGS 350/450 VA-I
Double mitre band saw

The intelligent one... Independently checks whether the material outline is correct...

- Fully automatic hydraulic machine
- Mitre left + right 60°, hydraulic
- Frequency controlled saw drive
- Maximum cutting area
  - ▭ 450 x 270 mm
  - ○ 310 mm

Control highlight

- Automatic cutting loss compensation
- Polygon processing of a work piece with automatic length/angle completion and automatic check for reasonability

- With CNC control (state-of-the-art control technology)
- 50 pre-programmed cutting programs
- Feeding unit with a length of 2 m included
- Single-feed up to 2,000 mm
- Very quiet + high-performance

Cutting areas	○	□	▭
90°	310	280	450 x 270
45° le.+ri.	300	270	320 x 270
60° left	210	200	270 x 180
60° right	160	150	270 x 150

Technical data	**DGS 350 / 450 VA-I CNC**	**Saw bands**	Order no.	€ plus VAT
Mitre cuts	up to 60° left + right	2 - 3 tpi	22 057	**64.00**
Saw drive	2.2 kW / 400 V	3 - 4 tpi	22 058	**64.00**
Saw band speed	15 - 100 m/min.	4 - 6 tpi	22 059	**64.00**
Saw band dimensions	4,250 x 34 x 1.1 mm	5 - 8 tpi	22 060	**64.00**
Floor space (D x W x H)	2,300 x 4,120 x 2,180 mm	6 - 10 tpi	22 061	**64.00**
Working height	845 mm			
Weight	1,825 kg			
Order no.	20 469			
Prices € plus VAT	on request			

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Recommended accessories

BERG & SCHMID SÄGETECHNIK
...the future has started

Order no. 19 531 — € plus VAT
Starter-Kit 1 — **452.00**
for saws with standard cooling
3 saw bands 4 - 6 tpi
2 saw bands 3 - 4 tpi
10 l coolant concentrate

Order no. 19 532 — € plus VAT.
Starter-Kit 2 — **452.00**
for saws with micro spraying system
3 saw bands 4 - 6 tpi
2 saw bands 3 - 4 tpi
5 l Coolmatic Fluid

Accessories DGS 350 / 450 VA-I

Laser for sawing on markings	X524010	**1,237.00**
Levelling elements (1 set = 4 items)	999031	p. set **128.00**
Bundle tensioner	999999	on request
Lifting infeed/outlet roller »is recommended«	999999	on request

B&S Super Cool Coolant concentrate for integrated standard cooling		
water soluble from 1:5 to 1:15 5 l canister	20 805	**57.00**
10 l canister	20 810	**101.00**
B&S COOLMATIC PLUS Micro spraying system 24 V/AC including 1 l fluid, spray head and holder	20 625	**816.00**
B&S COOLMATIC Fluid 1 l bottle	20 660	**24.00**
5 l canister	20 661	**101.00**

Super roller conveyors

RS 450
Heavy roller conveyor design, roller width 450 mm
5 rollers Ø 76 mm, load capacity per roller 550 kg
Extremely steady, easy to fix
Feeding/Removing roller conveyor
Unit 1,500 mm — 21 040 — **1,061.00**

Fully automatic

For more combination possibilities, see page 80

Note:
Please specify the feeding and removal sides for roller conveyors and adapters!

Image DGS 350 / 450 HA-I
with RS 450 roller conveyor (option)

DGS 500/600 HA-I

Double mitre band saw

The saw for steel workers and hall assemblers... ...time savings through frontal loading

- Semi-automatic hydraulic machine
- Mitre left + right 60°
- Frequency controlled saw drive
- Maximum cutting area
  - ▭ 600 x 400 mm
  - ○ 500 mm

- Large rotary material table for small cuts
- Large, wide machine for clean cuttings with mitre

Highlights

- Very quick clamp (frontal loading)
- Wear-free material support table
- Material height sensor
- Very good accessibility

Cutting areas	○	□	▭	(w. height switch at 90°/45° – 40 mm)
90°	500	420	600 x 400	
45° le.+ ri.	445	410	450 x 250	
60° left	320	290	280 x 350	
60° right	245	240	240 x 310	

Technical data	DGS 500/600 HA-I
Mitre cuts	up to 60° left + right
Saw drive	3.0 kW / 400 V
Saw band speed	15 - 100 m/min.
Saw band dimensions	5,320 x 34 x 1.1 mm
Floor space (D x W x H)	1,740 x 2,500 x 2,500 mm
Working height	805 mm
Weight	1,455 kg
Order no.	20 468
Prices € plus VAT	23,030.00

Saw bands	Order no.	€ plus VAT
2 - 3 tpi	22 214	**93.00**
3 - 4 tpi	22 215	**93.00**
4 - 6 tpi	22 216	**93.00**
5 - 8 tpi	22 217	**93.00**
6 - 10 tpi	22 218	**93.00**
8 - 12 tpi	22 219	**93.00**
14 tpi	22 220	**93.00**

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Recommended accessories

BERG & SCHMID SÄGETECHNIK
...the future has started

Order no. 19 531 — € plus VAT
Starter-Kit 1 — **452.00**
for saws with standard cooling
3 saw bands 4 - 6 tpi
2 saw bands 3 - 4 tpi
10 l coolant concentrate

Order no. 19 532 — € plus VAT
Starter-Kit 2 — **452.00**
for saws with micro spraying system
3 saw bands 4 - 6 tpi
2 saw bands 3 - 4 tpi
5 l Coolmatic Fluid

For more combination possibilities, see page 80

Note:
Please specify the feeding and removal sides for roller conveyors and adapters!

Zubehör DGS 500 / 600 HA-I

Digital display of the mitre settings via a display	99 999	**1,535.00**
Levelling elements (1 set = 4 items)	999031	p. set **128.00**
Laser for sawing on markings	X524010	**1,237.00**
Lifting infeed/outlet roller »is recommended«	999999	on request
B&S Super Cool Coolant concentrate for integrated standard cooling		
water soluble from 1:5 to 1:15 5 l canister	20 805	**57.00**
10 l canister	20 810	**101.00**
B&S COOLMATIC PLUS Micro spraying system 24 V/AC including 1 l fluid, spray head and holder	20 625	**816.00**
B&S COOLMATIC Fluid 1 l bottle	20 660	**24.00**
5 l canister	20 661	**101.00**

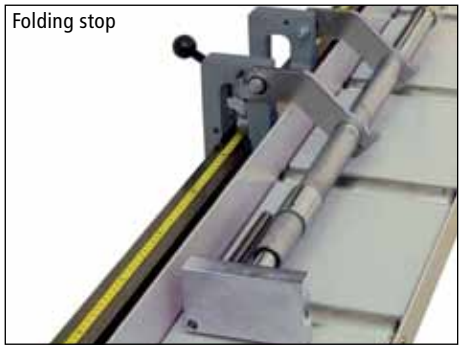
Super roller conveyors

RS 600
Heavy roller conveyor design, roller width 600 mm
5 rollers Ø 76 mm, load capacity per roller 550 kg
Support height 805 mm
Extremely steady, easy to fix
Feeding/Removing roller conveyor
Unit 1,500 mm — 21 045 — **1,254.00**

Image RS 600 roller conveyor with connecting adapter

Stop and measurement systems

Folding stop



LM 110 M (img. with roller conveyor URB) **tape measure.** Solid design. Manual length stop complete with stop carriage, tape measure, guide rail, mounting kit. Very solid design with double arm pinion. Ball bearing mounted carriage with high holding power.
Positioning accuracy ± 0.10 mm/m

	Order no.	€ plus VAT
Arm with shock absorber spring	21748	**189.00**
Pneumatic arm retraction	21749	**861.00**

(Metal sheet inserts for roller conveyors requ.)

Folding stop

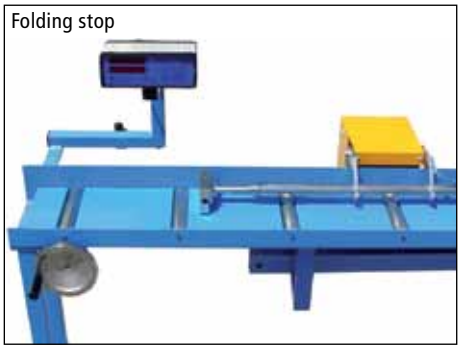
LM 110 D (img. with roller conveyor URB) **digital.** Manual length stop with digital position display. Complete with stop carriage, tape measure and guide roll. Very solid design with double arm pinion. Carriage ball bearing mounted with high holding power.

Positioning accuracy ± 0.10 mm/m

	Order no.	€ plus VAT
Arm with shock absorber spring	21748	**189.00**
Pneumatic arm retraction	21749	**861.00**

(Metal sheet inserts for roller conveyors requ.)

Folding stop



LM 110 DH (img. with roller conveyor URB) **digital + hand wheel.** Manual length stop with digital position display and hand wheel adjustment.
Incl. arm with shock absorber spring, pneum. arm retraction and pneum. clamping of the carriage.
Very solid design with double arm pinion. Carriage ball bearing mounted with high holding capacity.
Positioning accuracy ± 0.10 mm/m
(Metal sheet inserts for roller conveyors requ.)

Gauge length	Order no.	€ plus VAT
1,500 mm	21772	**1,301.00**
3,000 mm	21774	**1,497.00**
4,500 mm	21776	**1,813.00**
6,000 mm	21778	**1,988.00**

Gauge length	Order no.	€ plus VAT
1,000 mm	21791	**3,177.00**
1,500 mm	21792	**3,369.00**
2,000 mm	21793	**3,369.00**
3,000 mm	21794	**3,630.00**
4,000 mm	21795	**3,817.00**
4,500 mm	21796	**4,030.00**
5,000 mm	21797	**4,030.00**
6,000 mm	21798	**4,248.00**

Gauge length	Order no.	€ plus VAT
1,000 mm	21811	**6,705.00**
2,000 mm	21813	**6,705.00**
3,000 mm	21814	**7,131.00**
4,000 mm	21815	**7,793.00**
5,000 mm	21817	**8,219.00**
6,000 mm	21818	**8,957.00**

K-tech 60/48 HA-I

Semi-automatic hydraulic machine

Very powerful through special power transmission

The Goliath of cutting...

- 2 pillar mitre saw
- Solid but still easy to handle
- Material height sensor (automatic cut start detection)
- Quiet running through bevel cut, feed controller + pressure controller
- Low vibration and oscillation
- Solid matieral infeed roller
- Removable chipping tank (disinfection) + ready for clean cutting with mitre
- Energy saving through bevel cut (low vibration)
- Operating panel ergonomic, safe and freestanding
- Frequency controlled saw drive 15 - 100 m/min.
- Hydraulic cutting pressure control valve
- Hydraulic control of saw frame and vice
- LEDs for the monitoring of all safety functions
- Very easy mitre adjustment

... and many more advantages

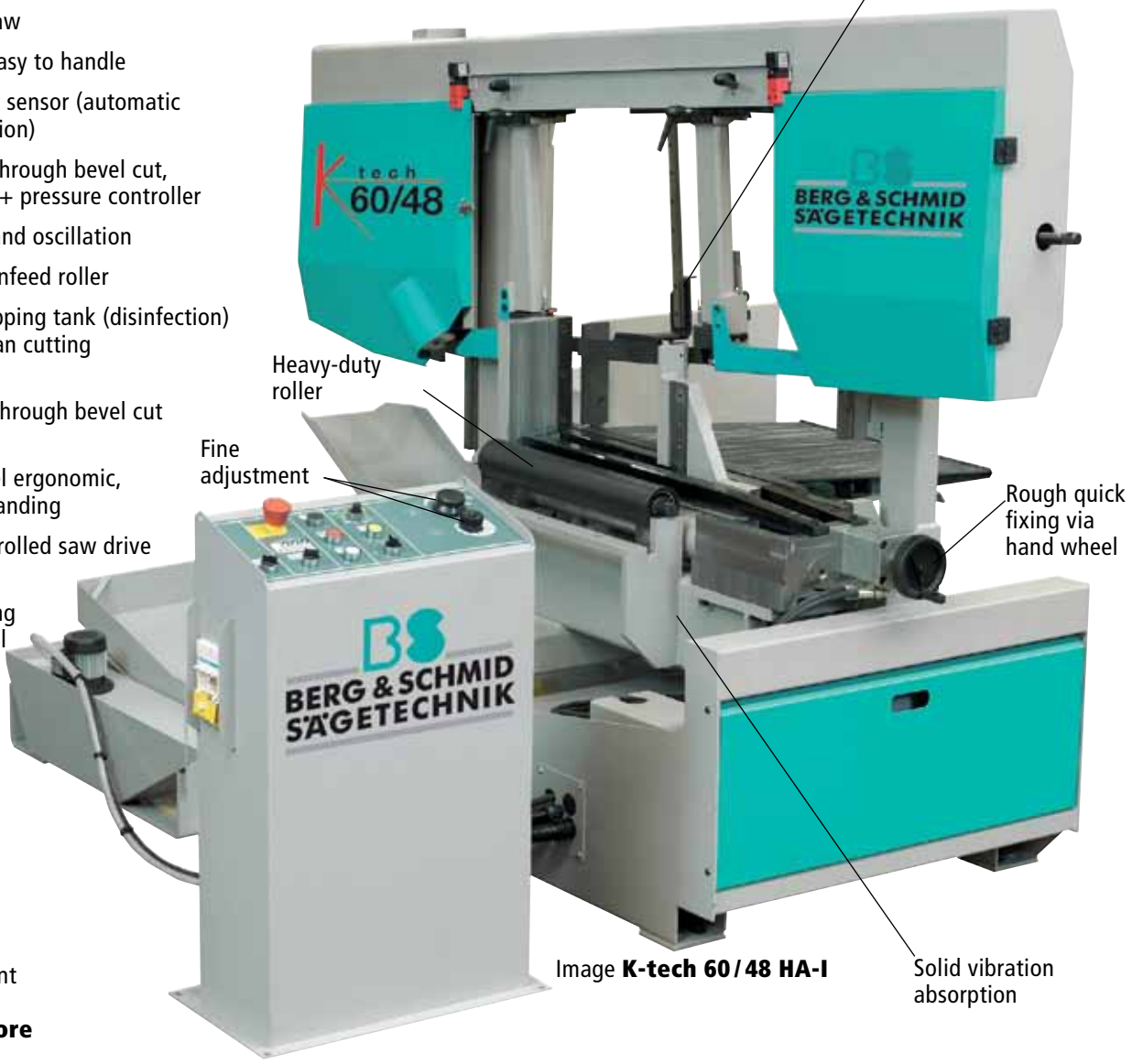


Image **K-tech 60 / 48 HA-I**

Cutting areas	○	□	▭	▯
90°	480 / 500*	450	610 x 450	
45° left	440	440	440 x 450	
60° left	250	250		250 x 450

Technical data	K-tech 60/48 HA-I	Saw bands	Order no.	€ plus VAT
Mitre cuts	up to 60° left	2 - 3 tpi	22 214	**93.00**
Saw drive	3.0 kW / 400 V	3 - 4 tpi	22 215	**93.00**
Saw band speed	15 - 100 m/min.	4 - 6 tpi	22 216	**93.00**
Saw band dimensions	5,320 x 34 x 1.1 mm	5 - 8 tpi	22 217	**93.00**
Floor space (D x W x H)	2,650 x 2,800 mm	6 - 10 tpi	22 218	**93.00**
Weight	1,825 kg	8 - 12 tpi	22 219	**93.00**
Order no.	20 473	14 tpi	22 220	**93.00**
Prices € plus VAT	**23,895.00**			

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Recommended accessories

BERG & SCHMID SÄGETECHNIK
...the future has started

Order no. 19 531 — € plus VAT
Starter-Kit 1 — **452.00**
for saws with standard cooling

3 saw bands 4 - 6 tpi
2 saw bands 3 - 4 tpi
10 l coolant concentrate

Order no. 19 532 — € plus VAT
Starter-Kit 2 — **452.00**
for saws with micro spraying system

3 saw bands 4 - 6 tpi
2 saw bands 3 - 4 tpi
5 l Coolmatic Fluid

For more combination possibilities, see page 80

Note:
Please specify the feeding and removal sides for roller conveyors and adapters!

Accessories K-tech 60/48 HA-I

Digital display of the mitre settings via a display	IME01	**1,173.00**
Levelling elements (1 set = 4 items)	999031	p. set **128.00**
Laser for sawing on markings	X524010	**1,237.00**
Hydraulic locking pressure reduction (1 set = 2 items)	X000964	p. set **622.00**
Hydraulic bundle tensioning device (2 items) Cutting area limited to max. W = 600 x H = 250 mm	X000951	**2,038.00**
B&S Super Cool Coolant concentrate for integrated standard cooling water soluble from 1:5 to 1:15 5 l canister 10 l canister	 20 805 20 810	 **57.00** **101.00**
B&S COOLMATIC PLUS Micro spraying system 24 V/DC including 1 l fluid, spray head and holder	20 628	**1,123.00**
B&S COOLMATIC Fluid 1 l bottle 5 l canister	20 660 20 661	**24.00** **101.00**

Super roller conveyors

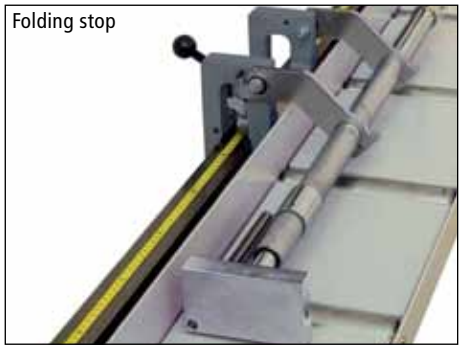
RS 600
Heavy roller conveyor design, roller width 600 mm
5 rollers Ø 76 mm, load capacity per roller 550 kg
Support height 805 mm
Extremely steady, easy to fix
Feeding/Removing roller conveyor

Unit 1,500 mm	21 045	**1,254.00**
Vertical rollers		on request
Connecting adapter 60° with roller conveyor (length 700 mm)	999999	**707.00**

Image RS 600 roller conveyor with connecting adapter

Stop and measurement systems

Folding stop



LM 110 M (img. with roller conveyor URB) **tape measure.** Solid design. Manual length stop complete with stop carriage, tape measure, guide rail, mounting kit. Very solid design with double arm pinion. Ball bearing mounted carriage with high holding power.
Positioning accuracy ± 0.10 mm/m

	Order no.	€ plus VAT
Arm with shock absorber spring	21748	**189.00**
Pneumatic arm retraction	21749	**861.00**

(Metal sheet inserts for roller conveyors requ.)

Folding stop

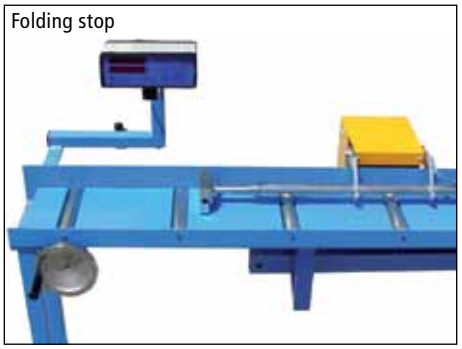
LM 110 D (img. with roller conveyor URB) **digital.** Manual length stop with digital position display. Complete with stop carriage, tape measure and guide roll. Very solid design with double arm pinion. Carriage ball bearing mounted with high holding power.

Positioning accuracy ± 0.10 mm/m

	Order no.	€ plus VAT
Arm with shock absorber spring	21748	**189.00**
Pneumatic arm retraction	21749	**861.00**

(Metal sheet inserts for roller conveyors requ.)

Folding stop



LM 110 DH (img. with roller conveyor URB) **digital + hand wheel.** Manual length stop with digital position display and hand wheel adjustment.
Incl. arm with shock absorber spring, pneum. arm retraction and pneum. clamping of the carriage.
Very solid design with double arm pinion. Carriage ball bearing mounted with high holding capacity.
Positioning accuracy ± 0.10 mm/m
(Metal sheet inserts for roller conveyors requ.)

Gauge length	Order no.	€ plus VAT
1,500 mm	21772	**1,301.00**
3,000 mm	21774	**1,497.00**
4,500 mm	21776	**1,813.00**
6,000 mm	21778	**1,988.00**

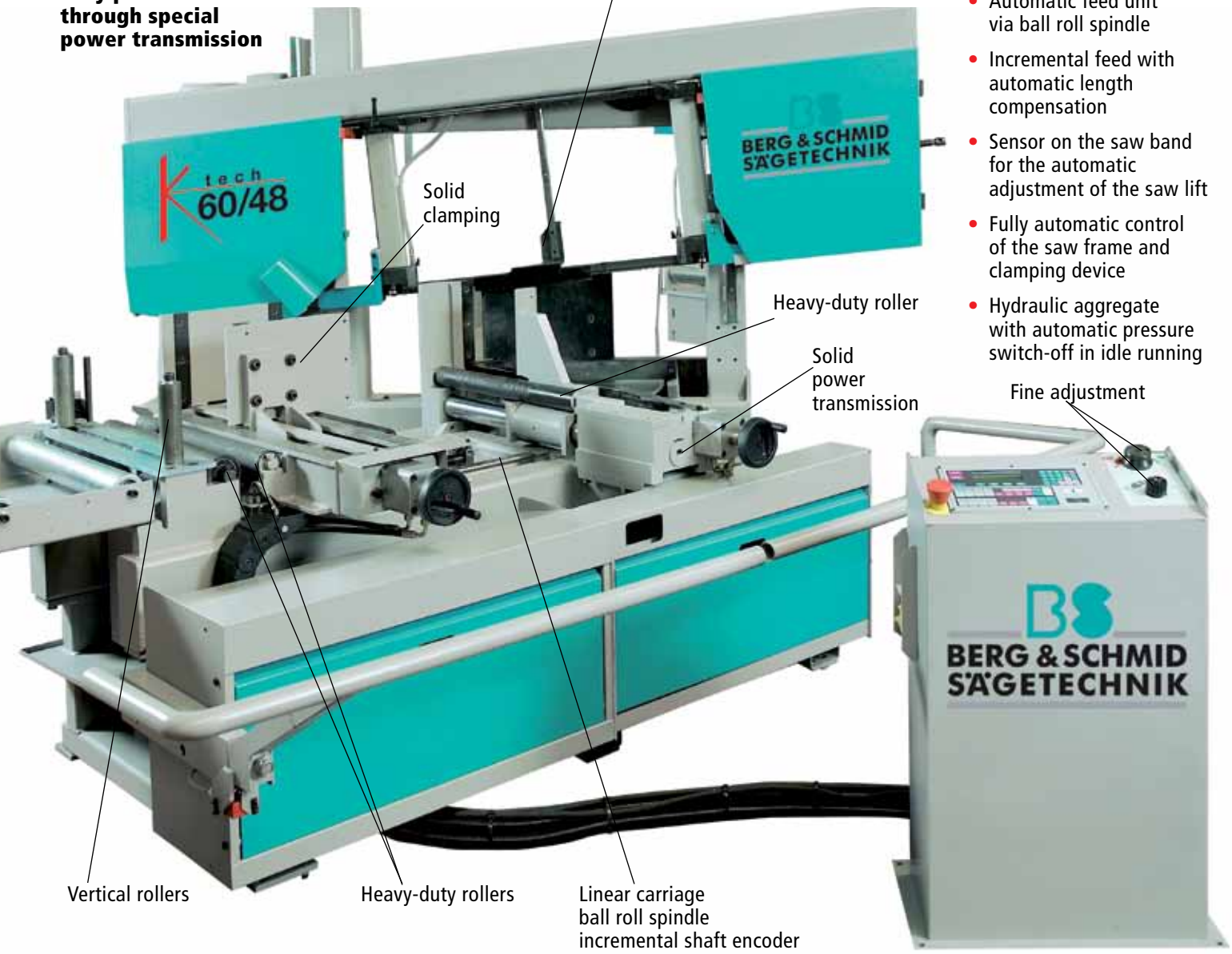
Gauge length	Order no.	€ plus VAT
1,000 mm	21791	**3,177.00**
1,500 mm	21792	**3,369.00**
2,000 mm	21793	**3,369.00**
3,000 mm	21794	**3,630.00**
4,000 mm	21795	**3,817.00**
4,500 mm	21796	**4,030.00**
5,000 mm	21797	**4,030.00**
6,000 mm	21798	**4,248.00**

Gauge length	Order no.	€ plus VAT
1,000 mm	21811	**6,705.00**
2,000 mm	21813	**6,705.00**
3,000 mm	21814	**7,131.00**
4,000 mm	21815	**7,793.00**
5,000 mm	21817	**8,219.00**
6,000 mm	21818	**8,957.00**

K-tech 60/48 VA-I CNC

Fully automatic hydraulic machine with semi-automatic function

Very powerful through special power transmission



Standard equipment equal to K-tech 60/48 HA-I

additionally:

- Modern CNC control
- Automatic feed unit via ball roll spindle
- Incremental feed with automatic length compensation
- Sensor on the saw band for the automatic adjustment of the saw lift
- Fully automatic control of the saw frame and clamping device
- Hydraulic aggregate with automatic pressure switch-off in idle running

Cutting areas	○	□	▭	▯
90°	480 500*	450	610 x 450	
45° left	440	440	440 x 450	
60° left	250	250		250 x 450

Technical data	**K-tech 60/48 VA-I CNC**	**Saw bands**	Order no.	€ plus VAT
Mitre cuts	up to 60° left	2 - 3 tpi	22 214	**93.00**
Saw drive	3.0 kW / 400 V	3 - 4 tpi	22 215	**93.00**
Saw band speed	15 - 100 m/min.	4 - 6 tpi	22 216	**93.00**
Saw band dimensions	5,320 x 34 x 1.1 mm	5 - 8 tpi	22 217	**93.00**
Floor space (D x W x H)	2,650 x 2,800 mm	6 - 10 tpi	22 218	**93.00**
Weight	2,350 kg	8 - 12 tpi	22 219	**93.00**
Order no.	20 479	14 tpi	22 220	**93.00**
Prices € plus VAT	on request			

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Recommended accessories

BERG & SCHMID SÄGETECHNIK
...the future has started

Order no. 19 531 — € plus VAT
Starter-Kit 1 — **452.00**
for saws with standard cooling

3 saw bands 4 - 6 tpi
2 saw bands 3 - 4 tpi
10 l coolant concentrate

Order no. 19 532 — € plus VAT
Starter-Kit 2 — **452.00**
for saws with micro spraying system

3 saw bands 4 - 6 tpi
2 saw bands 3 - 4 tpi
5 l Coolmatic Fluid

Accessories K-tech 60 / 48 VA-I

Digital display of the mitre settings via a display	999999	**1,173.00**
Levelling elements (1 set = 4 items)	999033	p. set **160.00**
Laser for sawing on markings	X524010	**1,237.00**
Hydraulic locking pressure reduction (1 set = 2 items)	X000964	p. set **622.00**
Hydraulic bundle tensioning device (2 items) Cutting area limited to max. W= 600 x H = 250 mm	999999	**3,536.00**
Extension of feed unit to up to 2,000 mm possible	999999	**2,825.00**

B&S Super Cool Coolant concentrate for integrated standard cooling water soluble from 1:5 to 1:15 5 l canister	20 805	**57.00**
10 l canister	20 810	**101.00**
B&S COOLMATIC PLUS Micro spraying system 24 V/DC 2 pump system including 1 l fluid, spray head and holder	20 628	**1,123.00**
B&S COOLMATIC Fluid 1 l bottle	20 660	**24.00**
5 l canister	20 661	**101.00**

Super roller conveyors

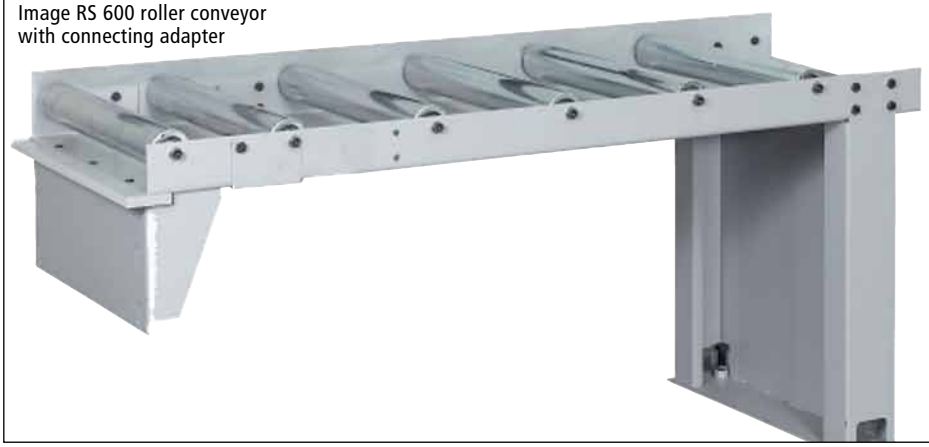
RS 600
Heavy roller conveyor design, roller width 600 mm
5 rollers Ø 76 mm, load capacity per roller 550 kg
Support height 805 mm
Extremely steady, easy to fix
Feeding/Removing roller conveyor

Unit 1,500 mm	21 045	**1,254.00**
Vertical rollers		on request
Connecting adapter 60° with roller conveyor (length 700 mm)	999999	**707.00**

For more combination possibilities, see page 80

Note:
Please specify the feeding and removal sides for roller conveyors and adapters!

Image RS 600 roller conveyor with connecting adapter



Fully automatic

K-tech 70/52 HA-I

2 pillar automatic high-performance double mitre band saw

The special industrial and steelwork saw...

- Solid, fully hydraulic
- Double mounted carrying wheel, symmetrical saw band tensioning (quality) service life
- State-of-the-art saw frame construction
- Exceptionally smooth
- Mitre left + right 60°, hydraulic
- Digital mitre display
- Hydr. saw band tensioning
- Hydr. saw band guiding
- NC controlled angle positioning, storable
- Maximum operational safety through the monitoring of moving parts

Your benefit:

- Energy saving, Improved quietness through the shortening of the cutting channel, low band change
- Longer service life of the tool and therefore higher machine availability through the reduction of saw tooth breaking thanks to the improved chipping discharge from the cutting channel

...and many more benefits

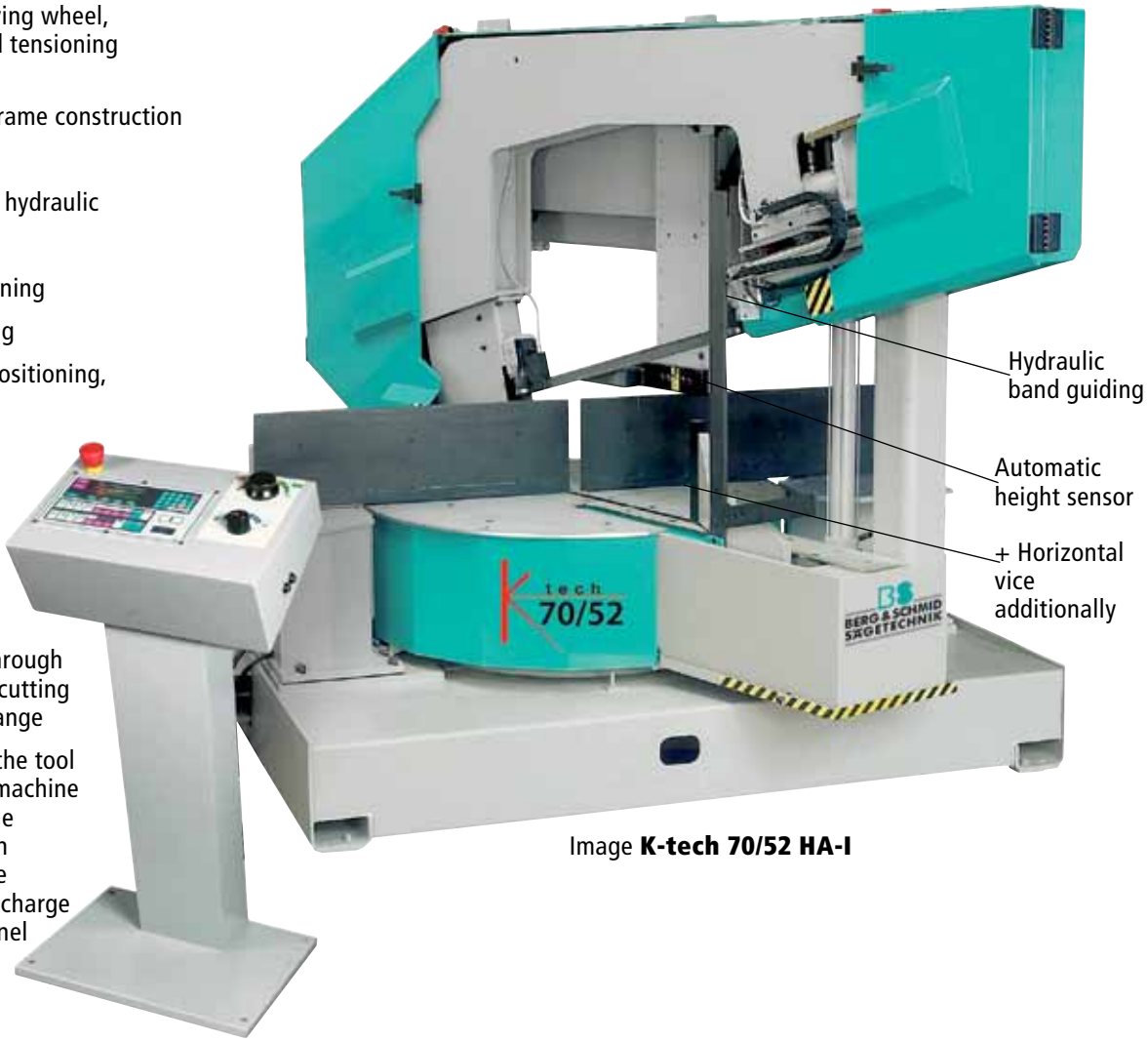


Image **K-tech 70/52 HA-I**

Cutting area	○	□	▭
90°	560	520	700 x 520
45° left	470	470	470 x 520
60° left	320	320	320 x 520
45° ri.	500	500	500 x 520
60° ri.	350	350	350 x 520

Technical data	K-tech 70/52 HA-I	Saw bands	Order no.	€ plus VAT
Mitre cuts	le. + ri. 60°	2 - 3 tpi	22 019	**165.00**
Saw drive	4.5 kW - 400 V	3 - 4 tpi	22 020	**165.00**
Saw band speed	stepless 15 - 100 m/min.			
Saw band dimensions	7,950 x 41 x 1.3 mm			
Floor space (D x W x H)	2,300 x 3,600 x 2,690 mm			
Working height	760 mm			
Weight	4,255 kg			
Order no.	20 474			
Prices € plus VAT	on request			

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Recommended accessories

BERG & SCHMID SÄGETECHNIK
...the future has started

Accessories K-tech 70 / 52 HA-I

Levelling elements (1 set = 4 items)	999033	p. set **160.00**
Laser for sawing on markings	X524010	**1,237.00**
Hydraulic locking pressure reduction (1 set = 2 items)	X000964	p. set **622.00**
Manual measuring stop with digital display Gauge length 4,000 mm	999999	**5,906.00**
Lifting infeed/outlet roller »is recommended«	999999	on request
Band monitoring device	999999	on request

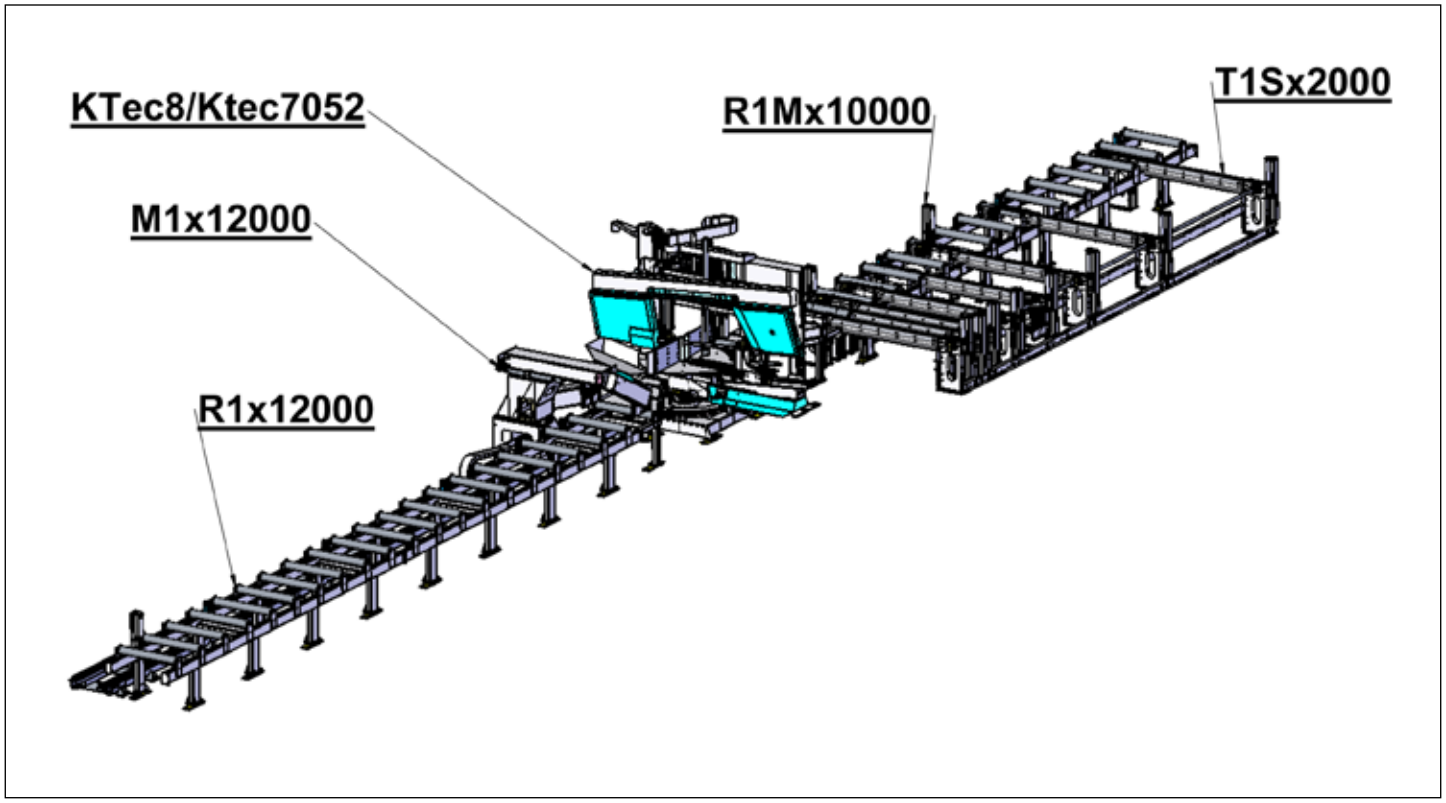
B&S Super Cool Coolant concentrate for integrated standard cooling water soluble from 1:5 to 1:15 5 l canister	20 805	**57.00**
10 l canister	20 810	**101.00**
B&S COOLMATIC PLUS Micro spraying system 24 V/DC 2 pump system including 1 l fluid, spray head and holder	20 628	**1,123.00**
B&S COOLMATIC Fluid 1 l bottle	20 660	**24.00**
5 l canister	20 661	**101.00**

For more combination possibilities, see page 80

Recommended roller conveyor: heavy-duty roller conveyor with material alignment system

Semi-automatic

Installation example K-tech 70 / 52



Industry

VGS 500 HA-I
Vertical mitre band saw

- Semi-automatic hydraulic machine
- Mitre left + right 45°
- Frequency controlled saw drive

Image RS 400

Cutting area	●	■	⊢	⌶	▮
90° ⊏⊐	330	330	330 x 160 320 x 300	160 x 160	h x l 500 x 330
45° le. ◸	300	300	330 x 160 320 x 300	180 x 160	300 x 330
45° ri. ◹	300	300	330 x 160 320 x 300	160 x 160	300 x 330

Technical data	VGS 500 HA-I MPS
Mitre cuts	le. + ri. 45°
Saw drive	2.0 kW - 400 V
Saw band speed	stepless 18 - 110 m/min.
Saw band dimensions	4,140 x 34 x 1.1 mm
Floor space (D x W x H)	1,900 x 2,000 x 2,200 mm
Working height	930 mm
Weight	1,050 kg
Order no.	20 480
Prices € plus VAT	23,934.00

Saw bands	Order no.	€ plus VAT
2 - 3 tpi	22 043	**75.00**
3 - 4 tpi	22 044	**75.00**
4 - 6 tpi	22 046	**75.00**
5 - 8 tpi	22 048	**75.00**
6 - 10 tpi	22 050	**75.00**
8 - 12 tpi	22 052	**75.00**

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Recommended Accessories

BERG & SCHMID SÄGETECHNIK
...the future has started

Order no. 19 533 — € plus VAT
Starter-Kit 1 — **379.00**
for saws with standard cooling

3 saw bands 4 - 6 tpi
2 saw bands 3 - 4 tpi
10 l coolant concentrate

Order no. 19 534 — € plus VAT
Starter-Kit 2 — **379.00**
for saws with micro spraying system

3 saw bands 4 - 6 tpi
2 saw bands 3 - 4 tpi
5 Liter Coolmatic Fluid

Image RS 400 with length measuring device

Accessories VGS 500 HA-I

Levelling elements (1 set = 4 items)	999031	p. set **128.00**
Additional vice for cutting heights up to 500 mm	X000950	**661.00**
Special vice (notching of T-pieces)	999999	on request
Foot switch with connector cable and plug	970	**186.00**
Material support column, roller width 260 mm height-adjustable from 800 -1150 mm (8 kg)	20 855	**120.00**
B&S Super Cool Coolant concentrate for integrated standard cooling water soluble from 1:5 to 1:15 5 l canister	20 805	**57.00**
10 l canister	20 810	**101.00**
B&S COOLMATIC PLUS Micro spraying system 24 V/DC including 1 l fluid, spray head and holder	20 626	**816.00**
B&S COOLMATIC Fluid 1 l bottle	20 660	**24.00**
5 l canister	20 661	**101.00**

Super roller conveyors

Note:
Please specify the feeding and removal sides for roller conveyors and adapters!

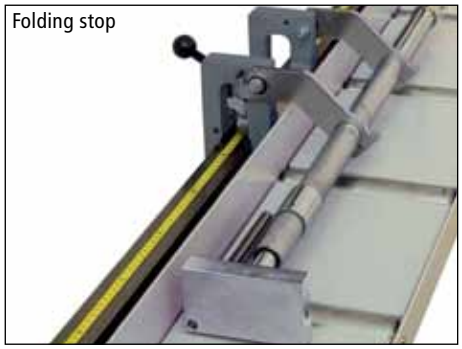
RS 400
Solid steel rollers with a width of 400 mm, load capacity 400 kg/m. and height-adjustable from 870 - 1010 mm.
Extra robust construction for a high load capacity.
Shipment without adapter (connector to machine).

Feeding/Removing roller conveyor		
Basic unit 2,000 mm with 2 supports	21 020	**774.00**
Extension unit 2,000 mm with 1 support	21 021	**649.00**
Removing roller conveyor with length measuring device		
Basic unit length 1,800 mm with 2 supports	21 026	**1,401.00**
Extension unit length 2,000 mm with 1 support	21 028	**1,288.00**
Adapter RS 400 Feeding side not required		
Additional support for super roller conveyors	690027	**140.00**
Steel carrying roller 60 x 400 mm	759501	**32.00**
Vertical rollers for the lateral material support 1 set = 2 rollers	21 143	p. set **266.00**

Semi-automatic

Stop and measurement systems

Folding stop



LM 110 M (img. with roller conveyor URB) **tape measure.** Solid design. Manual length stop complete with stop carriage, tape measure, guide rail, mounting kit. Very solid design with double arm pinion. Ball bearing mounted carriage with high holding power.
Positioning accuracy ± 0.10 mm/m

	Order no.	€ plus VAT
Arm with shock absorber spring	21748	**189.00**
Pneumatic arm retraction	21749	**861.00**

(Metal sheet inserts for roller conveyors requ.)

Folding stop

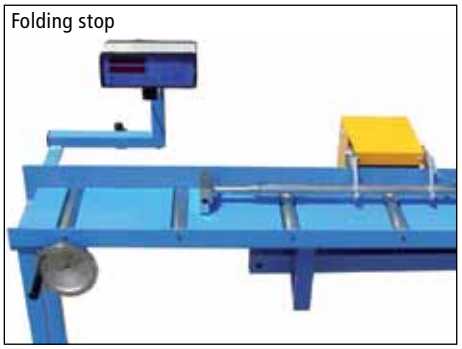
LM 110 D (img. with roller conveyor URB) **digital.** Manual length stop with digital position display. Complete with stop carriage, tape measure and guide roll. Very solid design with double arm pinion. Carriage ball bearing mounted with high holding power.

Positioning accuracy ± 0.10 mm/m

	Order no.	€ plus VAT
Arm with shock absorber spring	21748	**189.00**
Pneumatic arm retraction	21749	**861.00**

(Metal sheet inserts for roller conveyors requ.)

Folding stop



LM 110 DH (img. with roller conveyor URB) **digital + hand wheel.** Manual length stop with digital position display and hand wheel adjustment. Incl. arm with shock absorber spring, pneum. arm retraction and pneum. clamping of the carriage. Very solid design with double arm pinion. Carriage ball bearing mounted with high holding capacity.
Positioning accuracy ± 0.10 mm/m
(Metal sheet inserts for roller conveyors requ.)

For more combination possibilities, see page 80

Gauge length	Order no.	€ plus VAT	Gauge length	Order no.	€ plus VAT	Gauge length	Order no.	€ plus VAT
1,000 mm	21771	**1,029.00**	1,000 mm	21791	**3,177.00**	1,000 mm	21811	**6,705.00**
1,500 mm	21772	**1,301.00**	1,500 mm	21792	**3,369.00**			
2,000 mm	21773	**1,322.00**	2,000 mm	21793	**3,369.00**	2,000 mm	21813	**6,705.00**
3,000 mm	21774	**1,497.00**	3,000 mm	21794	**3,630.00**	3,000 mm	21814	**7,131.00**
4,000 mm	21775	**1,647.00**	4,000 mm	21795	**3,817.00**	4,000 mm	21815	**7,793.00**
4,500 mm	21776	**1,813.00**	4,500 mm	21796	**4,030.00**			
5,000 mm	21777	**1,823.00**	5,000 mm	21797	**4,030.00**	5,000 mm	21817	**8,219.00**
6,000 mm	21778	**1,988.00**	6,000 mm	21798	**4,248.00**	6,000 mm	21818	**8,957.00**

Complete casing - intelligent - the sawing miracle...

X-tech Range
2-pillar high-performance automatic metal band saw

- Two-pillar automatic metal band saws with trend-setting technology in a state-of-the-art design
- Hydraulic saw band tensioner
- Heavy industrial design
- Vice travelling on two sides
- Cutting time reduction approx. 30%

High cutting performance –
High cutting quality –
High running smoothness –
High safety

A crafty saw for industrial use...

Image **X-tech 410 VA CNC**

Other measurements on request e.g. **X-tech 900 VA CNC**

Cutting areas	●	■	▬	●	■	▬	●	■	▬
90°	320	320	340 x 320	410	410	420 x 410	630	630	630 x 630

Technical data	X-tech 320 VA CNC	X-tech 410 VA CNC	X-tech 630 VA CNC
Cutting speed	12 - 110 m/min.	12 - 110 m/min.	9 - 90 m/min.
Saw drive	4.0 kW (frequency controlled)	5.5 kW (frequency controlled)	7.5 kW (frequency controlled)
Saw band dimensions	5,095 x 34 x 1.1 mm	6,150 x 41 x 1.3 mm	8,250 x 54 x 1.6 mm
Floor space (D x W x H)	2,450 x 1,850 x 1,900 mm	3,500 x 2,000 x 2,200 mm	4,100 x 2,250 x 2,500 mm
Working height	780 mm	730 mm	800 mm
Weight	2,150 kg	3,450 kg	approx. 6,700 kg
Min. cutting length	5 mm	6 mm	10 mm
Min. rem. length (autom. operation)	80 mm	15 mm	15 mm
Order no.	20 481	20 482	20 483
Prices € plus VAT	on request	on request	on request

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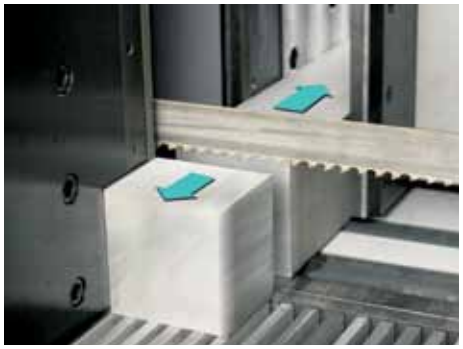
The X-tech Range:

- Double saw frame
- 4-fold saw frame bearing
- 4-fold support of the band deflection roller
- Symmetric band clamping
- Automatic double-sided free saw frame lifting device (X-tech 410/630)
- Hard metal band compatible
- Locking pressure regulation for thin-walled pipes and profiles (X-tech 410/630)
- Material feed via precision ball roll spindle and linear guiding
- Hydraulically driven chip conveyor, standard
- Hydraulic saw band tensioner

- State-of-the-art CNC control (freely programmable)
- Touch-Screen possible
- Band progress monitoring (X-tech 320 option)
- Automatic cut for the first cut (X-tech 320 option)
- Frequency controlled saw drive, stepless
- Connection to office workstation possible



- Only enter material type, shape, dimension; the cutting parameters are selected by the saw
- The vices are in front of and behind the saw band
- An excellent clamping prevents the falling of the cut piece
- Both vices are automatically moved away from the saw band. This results in a double benefit
- Hard metal compatible
- Bundle cutting, freely moving saw band
- Locking pressure regulation for the vice

Fully automatic

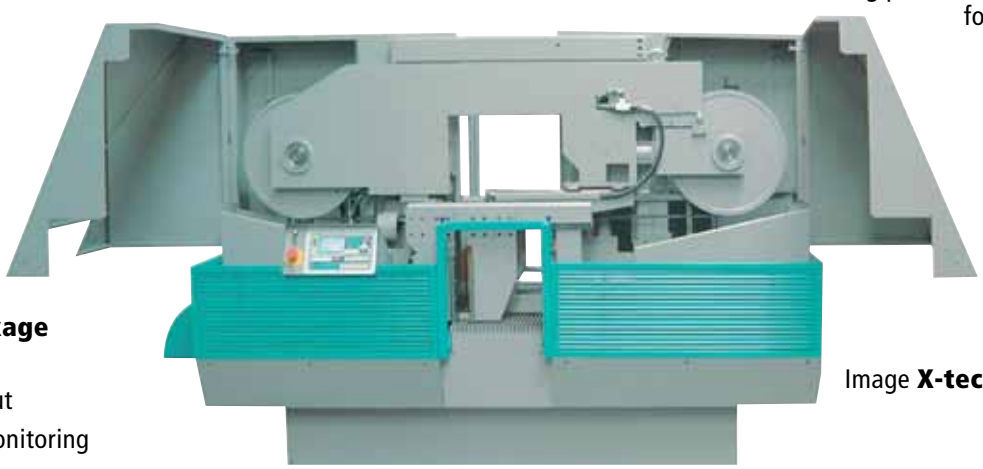


Image **X-tech 410**

Technology package for X-tech 320:

- Automatic first cut
- Band progress monitoring

Please contact us for our individual brochure in order to assure yourself of the good quality.

Optional accessories

X-tech 320 VA CNC	Order no.	€ plus VAT	X-tech 410 VA CNC	Order no.	€ plus VAT	X-tech 630 VA CNC	Order no.	€ plus VAT
Technology package		**2,672.00**	Laser lamp	999070	**636.00**			
Holding down device		**1,362.00**						
Bundle tensioning device		**3,975.00**	Bdl tensioning device	20 600	**4,543.00**	Bdl tensioning device	20 601	**5,322.00**
Chipping tank	C 1070	**530.00**	Chipping tank	C 1070	**530.00**	Chipping tank	C 1070	**530.00**
			Bi-metal saw bands			Bi-metal saw bands		**200.00**
Bi-metal saw bands			2 - 3 tpi	22 098	**106.00**			
2 - 3 tpi	22 295	**85.00**	3 - 4 tpi	22 099	**106.00**			
3 - 4 tpi	22 296	**85.00**	4 - 6 tpi	22 100	**106.00**			
4 - 6 tpi	22 292	**85.00**	5 - 8 tpi	22 101	**106.00**			
			6 - 10 tpi	22 102	**106.00**			
			High-performance hard metal saw bands					
			1.4 - 2 tpi	22 255	**369.00**			
			2 - 3 tpi	22 256	**408.00**			
			3 - 4 tpi	22 257	**522.00**			

SBS Reihe

2-pillar high-performance automatic band saws

Open design - clearly arranged - easy...

Heavy fully automatic band saw for the automatic and economic cutting of solid and profiled material

Image **SBS 320 VA CNC**

Other measurements on request e.g. **SBS 800 VA CNC**

Cutting areas	●	■	▬	●	■	▬	●	■	▬
90°	320	320	380 x 320	420	420	420 x 420	560	560	760 x 520

Technical data	**SBS 320 VA CNC**	**SBS 420 VA CNC**	**SBS 560 VA CNC**
Cutting speed	15 - 110 m/min.	15 - 110 m/min.	15 - 110 m/min.
Saw drive	4.0 kW (frequency controlled)	5.6 kW (frequency controlled)	7.5 kW (frequency controlled)
Saw band dimensions	4,240 x 34 x 1.1 mm	4,770 x 41 x 1.3 mm	6,666 x 54 x 1.3 mm
Floor space (D x W x H)	2,010 x 2,330 x 1,680 mm	2,500 x 2,550 x 1,790 mm	2,130 x 3,300 x 2,345 mm
Working height	790 mm	730 mm	700 mm
Weight	2,000 kg	2,300 kg	5,500 kg
Min. cutting length	3 mm	10 mm	10 mm
Min. rem. length (autom. operation)	50 mm	50 mm	180 mm
Order no.	20 486	20 491	20 497
Prices € plus VAT	on request	on request	on request

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The SBS Range
Complex standard equipment.
Long-lasting and unrivalled.

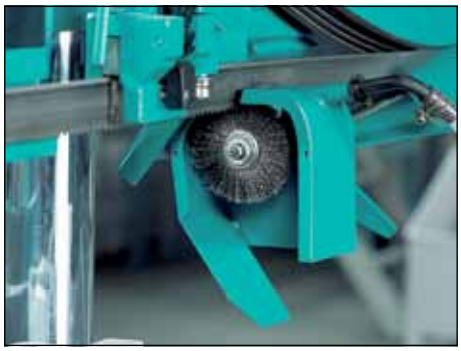
- State-of-the-art CNC control
- Frequency controlled saw drive
- Operating keys with icons
- Working light
- Driven chip brush
- Hydraulic band tensioner
- Locking pressure regulation
- Double vice
  (in front of and behind the band)
- Crawling speed for positioning
- Electronically and hydraulically prepared bundle tensioner
- Chipping conveyor

Opening of the feed vice on both sides
Both clamping jaws open and close simultaneously. This ensures a free reversing of the vice, even for corrugated and uneven material.

Saw band cleaning and chipping removal. Through the driven, large-scale chipping brush, the saw band is cleaned directly after leaving the material. The chippings automatically fall into the receiver of the hydraulic chipping conveyor and are then transported to an external chipping box (option).

Fully automatic

Hydraulic saw band tensioner



Hydraulically driven chipping brush for the cleaning of the saw band

Large-scale hard metal saw band guide

Please contact us for our individual brochure in order to assure yourself of the good quality.

Optional accessories

SBS 320 VA CNC	Order no.	€ plus VAT	**SBS 420 VA CNC**	Order no.	€ plus VAT	**SBS 560 VA CNC**	Order no.	€ plus VAT
Cutting progr. monitoring	CAHC33010	**2,077.00**	Cutting progr. monitoring	99910	**1,974.00**	Cutting progr. monitoring	C 9999	**3,240.00**
Laser lamp	999070	**636.00**	Laser lamp	999070	**636.00**	Laser lamp	999070	**636.00**
Bundle tensioning device	C 1040	**1,288.00**	Bdl tensioning device	C 1050	**1,288.00**	Bdl tensioning device	C 1060	**1,851.00**
Holding down device	C 1041	**493.00**	Holding down device	C 1041	**493.00**			
Chipping tank	C 1070	**530.00**	Chipping tank	C 1070	**530.00**	Chipping tank	C 1070	**530.00**
Mech. closing limit	C 2013	**941.00**						
Lat. vert. guide rollers	C 1117	**346.00**	Lat. vert. guide rollers	C 1117	**346.00**			
Bi-metal saw bands			Bi-metal saw bands			Bi-metal saw bands		
2 - 3 tpi	22 057	**64.00**	2 - 3 tpi	22 080	**85.00**	1.25 tpi	22 085	**125.00**
3 - 4 tpi	22 058	**64.00**	3 - 4 tpi	22 081	**85.00**	2 tpi	22 086	**125.00**
4 - 6 tpi	22 059	**64.00**	4 - 6 tpi	22 082	**85.00**	3 - 4 tpi	22 087	**125.00**
5 - 8 tpi	22 060	**64.00**	5 - 8 tpi	22 083	**85.00**	4 - 6 tpi	22 088	**125.00**
6 - 10 tpi	22 061	**64.00**	6 - 10 tpi	22 084	**85.00**			

The legend lives on and keeps cutting... and cutting... and cutting...

Assembly saw G2
formerly **Praktika**

- Straight and mitre cuts up to 45° on the left
- Compact design equipped with a carrying handle for a comfortable and safe transport
- Intelligent, robust technology a steady gearbox operating in an oil bath, as well as a mounted, particularly reliable electrical automatic cooling device (content of the coolant tank: 1.5l)
- Special motor with the typical characteristics of a servo motor (powerful, easy drawing and quiet)

The world's smallest circular metal saw with a 235 mm saw blade.
With a weight of only 20 kg and its compact dimensions, it can be transported easily and conveniently.
Its powerful motor, the solid design and the professional accessories make it the universal solution for small workshops and construction sites.

B&S - the very silent one
Quality: 1. We measure the power input and switch off when the limit value is reached (protection against gearbox failure).
2. In case of a thermal overload, a switch-off is effected by the thermo controller

Technical data:

Motor	230 V / 1.5 kW
Speed, stepless	24-85 r/min.
Max. opening of the vice	75 mm
Max. saw blade diameter	235 x 1.9 x 32 mm (w/o side holes)
Dimensions (W x D x L)	330 x 510 x 430 mm
Weight	20 kg
Order no.	20 011
Price € plus VAT	**540.00** (w/o saw blade, blade: € 46.00)

Cutting area

∢	○	□	▭	●
90°	70	60	70 x 50	30
45° le.	65	55	60 x 55	30

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Recommended accessories

BERG & SCHMID SÄGETECHNIK
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Saw blades for the assembly saw G2 formerly Praktika
Berg & Schmid circular metal saw blades
Qualitx HSS DMo5, without side holes

	Order no.	€ plus VAT
235 x 1.9 x 32 mm		
246 T / TP 3 for profiles of up to 2.5 mm wall thickn.	21 234	**46.00**
184 T / TP 4 for profiles of 2-4 mm wall thickn.	21 233	**46.00**
122 T / TP 6 for thick-walled profiles and solids	21 231	**46.00**

Machine underframe (18.5 kg)

	Order no.	€ plus VAT
• A solid addition for a secure stand		
• Integrated storage compartment	20 508	**96.00**

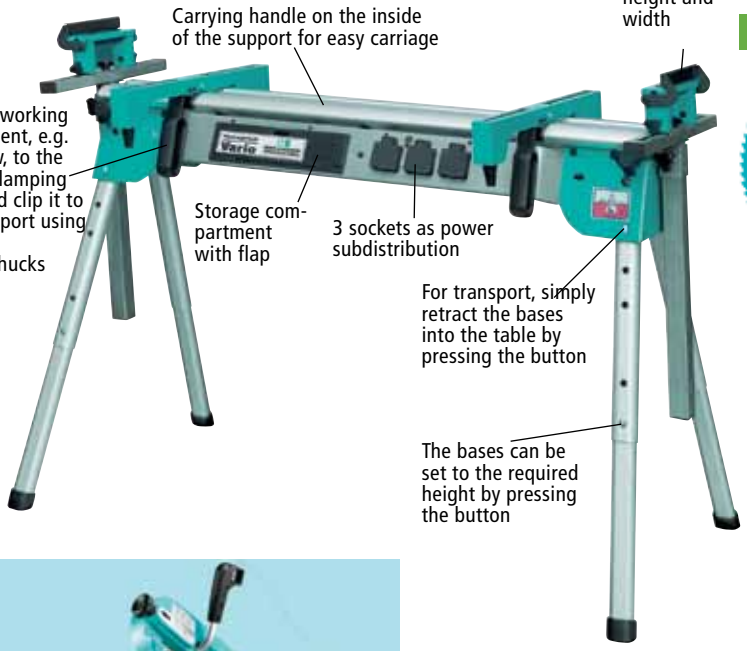
Carriage FU Eco (8kg)

	Order no.	€ plus VAT
• Carriage for the machine underframe		
• For the easy relocation of the saw	20 566	**78.00**

All support frames are adjustable in height and width

Vario assembly table
Suitable for all portable saws

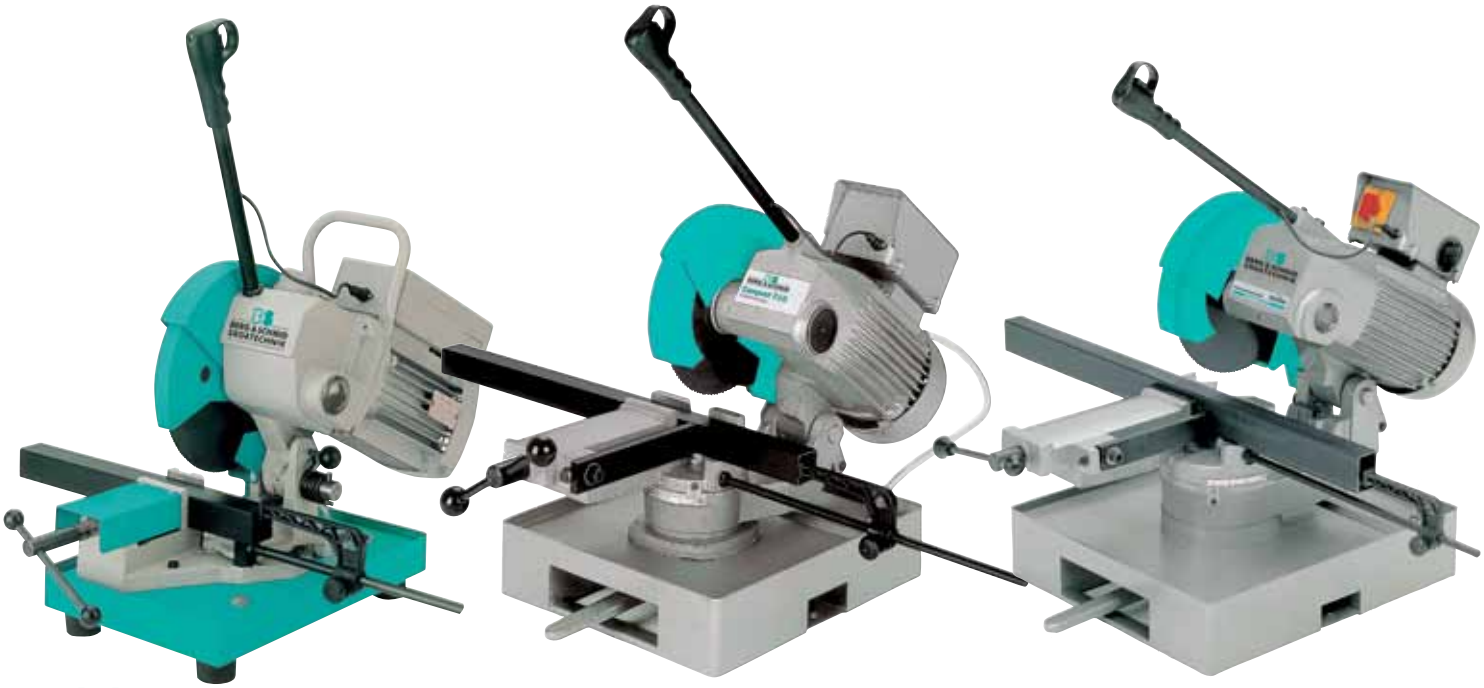
Ortder no.	€ plus VAT.
20 507	**155.00**


Carrying handle on the inside of the support for easy carriage
Fix the working equipment, e.g. the saw, to the quick-clamping arm and clip it to the support using the quick chucks
Storage compartment with flap
3 sockets as power subdistribution
For transport, simply retract the bases into the table by pressing the button
The bases can be set to the required height by pressing the button

Foldable machine underframe
Suitable for all portable saws

Order no.	€ plus VAT
20 509	**81.00**

Master Line



Mini-Compact

The assembly saw with complex standard equipment and a large cutting area

- For mitre cuts of up to 45° on the left side
- Automatic cooling directly to the saw blade
- Safety switch 24 V in the carrying handle with restart lock
- Total weight: 38 kg = easy to transport
- Length stop, assembly tools

Compact 250

The ideal circular metal saw for workshops and construction sites

- For mitre cuts of up to 45° on the left side
- Spindle vice with a double clamping arm for low-burr cuts
- Optionally with a 230 V or 400 V-motor
- Automatic cooling directly to the saw blade
- Saw head double mounted
- Safety switch with 24 V in the carrying handle with restart lock
- Length stop, assembly tools

Compact 275

The multifunctional professional circular metal saw. Great in performance and price

- For mitre cuts of up to 45° on the left side
- Spindle vice with a double clamping arm for low-burr cuts
- Conical safety coupling made of hardened steel in order to protect the saw blades
- 2 speeds 33 + 66 min^{-1}
- Automatic cooling directly to the saw blade
- Double mounted saw head
- Safety switch 24 V in the carrying handle with restart lock
- Length stop, assembly tools
- Solid casting, solid cast superstructures
- Metal handle = clamping force
- Mitre adjustment on operator side

Cutting areas	○	□	▭	○	□	▭	○	□	▭
90°	85	75	100 x 65	80	70	95 x 60	90	80	100 x 70
45° left	80	75	90 x 60	70	60	65 x 60	75	70	80 x 60

Technical data	Mini-Compact	Compact 250		Compact 275
Motor	0.8 kW / 230 V	1.0 kW / 230 V	400 V	1.1 / 1.3 kW / 400 V
Speed	54 $min.^{-1}$	52 $min.^{-1}$		33 + 66 $min.^{-1}$
Saw blade	HSS 250 x 2 x 32 mm	HSS 250 x 2 x 32 mm		HSS 275 x 2 x 32 mm
Floor space (D x W x H)	300 x 800 x 750 mm	300 x 800 x 800 mm		500 x 800 x 970 mm
Weight	38 kg	73 kg		112 kg
Order no.	20 005	20 000	20 002	20 050
Prices € plus VAT	**891.00**	**1,294.00**	**1,312.00**	**1,868.00**

Circular metal saw blades price per item

	Order no.	€ plus VAT	Order no.	€ plus VAT	Order no.	€ plus VAT
200 T / TP 4 for profiles with a wall thickness of up to 3 mm	21 252	**53.00**	21 252	**53.00**		
128 T / TP 6 for profiles with a wall thickness over 3 mm	21 251	**53.00**	21 251	**53.00**		
100 T / TP 8 for thick-walled profiles and solids	21 250	**53.00**	21 250	**53.00**		
220 T / TP 4					21 277	**61.00**
140 T / TP 6					21 276	**61.00**
110 T / TP 8					21 275	**61.00**

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Recommended accessories

BERG & SCHMID SÄGETECHNIK
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Saw blades
Berg & Schmid circular metal saw blades
Quality HSS-E for stainless and hard and tough profiles

	Order no.	€ plus VAT
250 x 2.0 x 32 mm		
200 T / TP 4 for profiles with a wall thickness ≤ 2 mm	21 256	**64.00**
128 T / TP 6 for profiles with a wall thickness > 2 mm	21 255	**64.00**
275 x 2.0 x 32 mm		
220 T / TP 4	21 274	**83.00**
140 T / TP 6	21 273	**83.00**
Machine underframe for Mini Compact ❶ Strong extra for a safe stand (13 kg)	20 505	**120.00**
Machine underframe for Compact 250 ❷ Strong extra for a safe stand (11 kg)	20 500	**120.00**
Machine base for Compact 275 ❸ Strong extra for a safe stand (38 kg) with tool compartment	20 556	**320.00**
Carriage for Compact 275 ❹ Strong extra for varying locations (20 kg)	20 550	**172.00**
Material support column, roller width 260 mm height-adjustable from 800 - 1500 mm (8 kg) Load capacity 200 kg	20 855	**120.00**
Length stop with a gauge length of 500 mm (11 kg)	20 900	**259.00**
Length stop with a gauge length of 1.000 mm (15 kg) for Compact 275	20 901	**289.00**
Support for a gauge length of 1,000 mm (8 kg) for Compact 275	20 902	**85.00**
Adapter for length stop for Compact 275	20 905	**58.00**

Manual

Order no. 19 410 — € plus VAT **129.00**
Starter-Kit (Compact 250)
for saws with standard cooling
2 saw blades 200 T / TP 4
5 l coolant concentrate

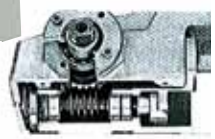
Order no. 19 411 — € plus VAT **145.00**
Starter-Kit (Compact 275)
for saws with standard cooling
1 saw blade 220 T / TP 4
1 saw blade 160 T / TP 6
5 l coolant concentrate

Master Line

Perfect 300

The robust workshop saw for universal use

- For mitre cuts of up to 45° on the right and left side
- Vice with quick-clamping lever, longitudinally movable clamping jaw, adjustable guide and double clamping arm for low-burr cuts
- Conical safety coupling made of hardened steel in order to protect the saw blades. Wear-resistant and easily adjustable.
- 2 speeds 33 + 66 min^{-1}
- Automatic cooling directly to the saw blade
- Saw head double mounted
- Safety switch 24 V in the carrying handle with restart lock
- Length stop, assembly tools



Elastic coupling for vibration compensation between the motor and the gearbox

Record 315 / 350 S

The large workshop saw with the well-engineered technology

- For mitre cuts of up to 45° on the right and left side. Final stop at 90° and at 45° on the left side
- Vice with quick-clamping lever, longitudinally movable clamping jaw, adjustable guide and double clamping arm for low-burr cuts
- Conical safety coupling made of hardened steel in order to protect the saw blades. Wear-resistant and easily adjustable
- Large base plate made of solid casting for highest stability and a low vibration cutting process
- 2 Speeds 30 + 60 min^{-1}
- Powerful special gearbox with an elastic coupling for heavy-duty use
- Automatic cooling directly to the saw blade
- Saw head double mounted, low adjustment requirements
- Safety switch 24 V in the carrying handle with restart lock, low adjustment requirements
- Length stop, assembly tools

Cutting areas	○	□	▭	○	□	▭
90°	102	90	120 x 80	125	110	160 x 90
45° le.	90	80	90 x 70	105	90	80 x 100
45° ri.	80	70	85 x 70	70	65	60 x 85

Technical data	Perfect 300	Record 315 / 350 S	Record 315 / 350 S DP
Motor (50 Hz)	1.5 / 2.0 kW / 400 V	1.8 / 2.5 kW / 400 V	(with **double p**arallel vice)
Speed	33 + 66 min^{-1}	30 + 60 min^{-1}	
Saw blade	HSS 300 x 2.5 x 32 mm	HSS 350 x 2.5 x 32 mm	
Floor space (D x W x H)	500 x 1,050 x 980 mm		600 x 1,220 x 1,060 mm
Weight	135 kg	195 kg	206 kg
Order no.	20 060	20 070	20 075
Prices € plus VAT	2,567.00	3,302.00	3,406.00

Circular metal saw blades price per item

Perfect 300	Order no.	€ plus VAT	Record 315	Order no.	€ plus VAT	Record 350	Order no.	€ plus VAT
220 T / TP 4	21 297	**83.00**		21 318	**95.00**	280 T / TP 4	21 359	**128.00**
160 T / TP 6	21 296	**83.00**		21 317	**95.00**	180 T / TP 6	21 358	**128.00**
120 T / TP 8	21 295	**83.00**		21 316	**95.00**	140 T / TP 8	21 357	**128.00**
100 T / TP 10				21 315	**95.00**	110 T / TP 10	21 356	**128.00**
80 T / TP 12				21 314	**95.00**	90 T / TP 12	21 355	**128.00**

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Recommended accessories

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	Order no.	€ plus VAT
Machine base for Perfect 300 ❸ Strong extra for a safe stand (38 kg) with tool compartment	20 556	**320.00**
Machine base for Record 315 / 350 S ❸ Strong extra for a safe stand (46 kg) with tool compartment	20 560	**368.00**
Carriage for Perfect 300 ❹ Strong extra for varying locations (20 kg)	20 550	**172.00**
Material support column, roller width 260 mm height-adjustable from 800 - 1500 mm (8 kg) Load capacity 200 kg	20 855	**120.00**
Length stop with a gauge length of 500 mm (11 kg)	20 900	**259.00**
Length stop with a gauge length of 1,000 mm (15 kg) for Perfect 300 / Record 315	20 901	**289.00**
Support for a gauge length of 1,000 mm (8 kg) for Perfect 300 / Record 315	20 902	**85.00**

Order no. 19 412 — € plus VAT **179.00**
Starter-Kit
(Perfect 300)
for saws with standard cooling
1 saw blade 220 T / TP 4
1 saw blade 160 T / TP 6
5 l coolant concentrate

Order no. 19 413 — € plus VAT **197.00**
Starter-Kit
(Record 315)
for saws with standard cooling
1 saw blade 220 T / TP 4
1 saw blade 160 T / TP 6
5 l coolant concentrate

Order no. 19 414 — € plus VAT **253.00**
Starter-Kit
(Record 350)
for saws with standard cooling
1 saw blade 220 T / TP 6
1 saw blade 160 T / TP 8
5 l coolant concentrate

❹

❸

Tooth pitch	Material
4	Tubes/profiles = material thickn. ≤ 3 mm
6	Tubes/profiles = material thickn. > 3 mm
8	Solids = especially thick-walled tubes

Only use original B & S saw blades, with a quality of HSS DMo5.
A special surface finishing prevents lateral chipping depositions.

Manual

VKS 315
VKS 370
Vertical circular saw

A must-have for every workshop...

- Mitre le. 60° + ri. 45°
- Vice with double tensioning arm (fixed 4-fold)
- Robust prismatic guiding of the saw head (adjustable dovetail guiding)
- Chipping brush (VKS 370)
- Automatic cooling
- Machine underframe with chipping compartment
- Metal handle for a high tension force
- Lockable main switch
- Simple – compact – reliable

Image **VKS 315**

Robust operating lever, adjustable by tilting and slewing
Strong and long-lasting positioning unit
High-quality bearing and coupling
Image VKS 370
Solid, heavy casting body
Cutting clamping jaw on the spring package adapts to material unevennesses
BERG & SCHMID SÄGETECHNIK

Cutting areas	○	□	▭	○	□	▭
90°	108	93	150 x 90	120	100	180 x 100
45° le.	108	93	105 x 90	120	100	130 x 100
60° le.	93	80	75 x 90	110	90	90 x 100
45° ri.	108	93	105 x 80	105	100	130 x 100

Technical data	VKS 315		VKS 370		
Motor	1.5 / 1.8 kW / 400 V		1.8 / 2.2 kW / 400 V		3.0 kW / 400 V
Speed	17 + 33 min.$^{-1}$	33 + 66 min.$^{-1}$	15 + 30 min.$^{-1}$	30 + 60 min.$^{-1}$	15 – 70 min.$^{-1}$
Saw blade	HSS 315 x 2.5 x 40 mm		HSS 370 x 3.0 x 40 mm		
Floor space (D x W x H)	800 x 900 x 1,900 mm		810 x 1,020 x 1,850 mm		
Working height	920 mm		925 mm		
Weight	328 kg		392 kg		
Order no.	20 150	20 152	20 178	20 177	20 179
Prices € plus VAT	4,402.00	4,402.00	5,497.00	5,497.00	6,603.00

Circular metal saw blades price per item

315 x 2.5 x 40 mm	Order no.	€ plus VAT	350 x 3.0 x 40 mm	Order no.	€ plus VAT	370 x 3.0 x 40 mm	Order no.	€ plus VAT
240 T / TP 4	21 325	**96.00**	280 T / TP 4	21 353	**130.00**	280 T / TP 4	21 376	**179.00**
160 T / TP 6	21 324	**96.00**	180 T / TP 6	21 352	**130.00**	190 T / TP 6	21 375	**179.00**
120 T / TP 8	21 323	**96.00**	140 T / TP 8	21 351	**130.00**	140 T / TP 8	21 374	**179.00**
100 T / TP 10	21 322	**96.00**	110 T / TP 10	21 350	**130.00**	110 T / TP 10	21 373	**179.00**
80 T / TP 12	21 321	**96.00**	90 T / TP 12	21 349	**130.00**	90 T / TP 12	21 372	**179.00**
70 T / TP 14	21 320	**96.00**	80 T / TP 14	21 348	**130.00**	80 T / TP 14	21 371	**179.00**
						70 T / TP 16	21 370	**179.00**

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Recommended accessories

BERG & SCHMID SÄGETECHNIK
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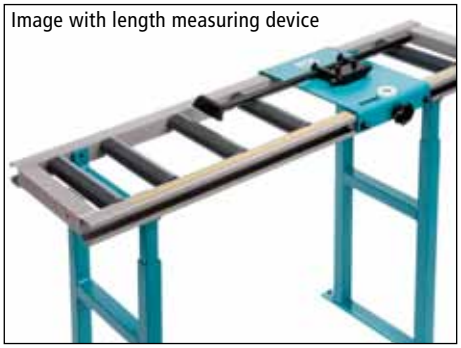
Order no. 19 415 — € plus VAT
Starter-Kit 1 (VKS 315) — **197.00**
for saws with standard cooling
1 saw blades 240 T/TP 4
1 saw blades 120 T/TP 8
5 l coolant concentrate

Order no. 19 416 — € plus VAT
Starter-Kit 2 (VKS 315) — **234.00**
for saws with micro spraying system
1 saw blade 240 T/TP 4
1 saw blades 120 T/TP 8
5 l Coolmatic Fluid

Order no. 19 417 — € plus VAT
Starter-Kit 1 (VKS 370) — **330.00**
for saws with standard cooling
1 saw blades 280 T/TP 4
1 saw blades 140 T/TP 8
5 l coolant concentrate

Order no. 19 418 — € plus VAT
Starter-Kit 2 (VKS 370) — **366.00**
for saws with micro spraying system
1 saw blades 280 T/TP 4
1 saw blades 140 T/TP 8
5 l Coolmatic Fluid

Image with length measuring device



For more combination possibilities, see page 80

Acessories VKS 315 / 370 Manuell

Levelling elements (1 set = 4 items) for manual	999030	p. set **128.00**
Laser for sawing on markings	999999	**on request**
Manual vice (spare part)	558680	**597.00**
Pneumatic vice with roller valve and activation device (additional charges instead of the manual vice)	558783	**613.00**
Length stop with a gauge length of 500 mm	20 900	**259.00**
Length stop with a gauge length of 1,000 mm	20 901	**289.00**
Holding plate for length stop 500 / 1,000 mm	658505	**34.00**
Support for gauge length of 1,000 mm	20 902	**85.00**
Material support column, roller width 260 mm height-adjustable from 800 -1150 mm (8 kg)	20 855	**120.00**
B&S Super Cool Coolant concentrate for integrated standard cooling water soluble from 1:5 to 1:15 5 l canister	20 805	**57.00**
10 l canister	20 810	**101.00**
B&S COOLMATIC PLUS Micro spraying system 230 V including 1 l fluid, spray head and holder	20 627	**816.00**
B&S COOLMATIC Fluid 1 l bottle	20 660	**24.00**
5 l canister	20 661	**101.00**

Saw blades
300 x 2.5 x 40 mm
350 x 3 x 40 mm (optional)
370 x 3 x 40 mm for stainless steels on request

Standard roller conveyors

Note:
Please specify the feeding and removal sides for roller conveyors and adapters!

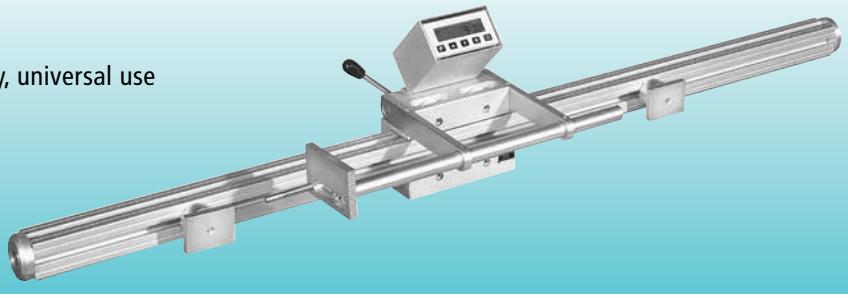
ST 260
Roller width 260 mm = universal use
Solid construction, with plastic rollers 50 mm Ø
Roller width 260 mm, load capacity approx. 100 kg/m
height-adjustable from 800 – 1150 mm
Shipment without adapter (connector to the machine)

Feeding/Removing roller conveyor		
Length 1,000 mm complete with support	20 931	**442.00**
Length 2,000 mm complete with support	20 932	**478.00**
Length 3,000 mm complete with support	20 933	**525.00**
Length 4,000 mm complete with 2 supports	20 934	**716.00**
Length 5,000 mm complete with 2 supports	20 936	**791.00**
Length 6,000 mm complete with 3 supports	20 937	**934.00**
Roller conveyor with length measuring device Measuring stop adjustable and foldable, incl. reading glass		
Length 1,000 mm complete with support	20 961	**796.00**
Length 2,000 mm complete with support	20 962	**868.00**
Length 3,000 mm complete with support	20 963	**980.00**
Length 4,000 mm complete with 2 supports	20 964	**1,205.00**
Length 5,000 mm complete with 2 supports	20 966	**1,285.00**
Length 6,000 mm complete with 3 supports	20 967	**1,448.00**
Additional support for ST 260	21 000	**77.00**
Adapter feeding and removing side	20 980	**62.00**

Manual

Recommended digital length measuring system in connection with the feeding / removing roller conveyor ST 260

The new digital length measuring system
- State-of-the-art length measuring technology, universal use
- Digital position display
- Measurement via magnetic tape and sensor
- Measuring accuracy ± 0.1 mm/m
- Counting direction is arbitrary



EasyMess XL digital length measuring system
Complete with stop carriage, digital display, battery, guide rail and mounting kit

Gauge length 1000 mm	20 951	**894.00**
Gauge length 2000 mm	20 952	**1,039.00**
Gauge length 3000 mm	20 953	**1,144.00**
Gauge length 4000 mm	20 954	**1,316.00**
Gauge length 5000 mm	20 955	**1,445.00**
Gauge length 5850 mm	20 956	**1,622.00**

VKS 315 HA
VKS 370 HA MPS

Semi-automatic hydro pneumatic machine

- Mitre le. 60° + ri. 45°
- Vice with double tensioning arm
- Robust prismatic guiding of the saw head (adjustable dovetail guiding)
- Chipping brush (VKS 370)
- Automatic cooling
- Metal clamping wheel for a high power transmission
- Solid, strong cast iron table

Semi-automatic function:

1. Saw is starting
2. Clamping of material
3. Lowering in rapid motion until the start of the material or immediate cutting for a standard cut
4. Saw band off
5. Lifting the frame until just above the material
6. Open vice

Image
VKS 315 HA

Image
VKS 370 HA

MPS control:

F1 F2 F3
Selection between 3 pre-programmed work cycles
- Memory option for material start / stop

With F1 F2 F3 you specify, in which function the saw head-Saw blade - vice are interacting! (Surface quality)

MPS control:

- Storage of cut start/end
- Display of power input, quantity, cutting time...
- Adjustable water cooling
- Cutting pressure controller

Cutting areas	○	□	▭	○	□	▭
90°	108	93	150 x 90	120	100	180 x 100
45° le.	108	93	105 x 90	120	100	130 x 100
60° le.	93	80	75 x 90	110	90	90 x 100
45° ri.	108	93	105 x 80	105	100	130 x 100

Technical data	VKS 315 HA		VKS 370 HA MPS		
Motor	1.5 / 1.8 kW / 400 V		1.8 / 2.2 kW / 400 V		3.0 kW / 400 V
Speed	17 + 33 min.$^{-1}$	33 + 66 min.$^{-1}$	15 + 30 min.$^{-1}$	30 + 60 min.$^{-1}$	15 – 70 min.$^{-1}$
Saw blade	HSS 315 x 2.5 x 40 mm		HSS 370 x 3.0 x 40 mm		
Floor space (D x W x H)	800 x 900 x 1,700 mm		810 x 1,080 x 2,100 mm		
Working height	920 mm		925 mm		
Weight	365 kg		444 kg		
Order no.	20 154	20 155	20 188	20 185	20 189
Prices € plus VAT	6,661.00	6,521.00	8,958.00	8,958.00	10,113.00

Circular metal saw blades price per item

315 x 2.5 x 40 mm	Order no.	€ plus VAT	350 x 3.0 x 40 mm	Order no.	€ plus VAT	370 x 3.0 x 40 mm	Order no.	€ plus VAT
240 T / TP 4	21 325	**96.00**	280 T / TP 4	21 353	**130.00**	280 T / TP 4	21 376	**179.00**
160 T / TP 6	21 324	**96.00**	180 T / TP 6	21 352	**130.00**	190 T / TP 6	21 375	**179.00**
120 T / TP 8	21 323	**96.00**	140 T / TP 8	21 351	**130.00**	140 T / TP 8	21 374	**179.00**
100 T / TP 10	21 322	**96.00**	110 T / TP 10	21 350	**130.00**	110 T / TP 10	21 373	**179.00**
80 T / TP 12	21 321	**96.00**	90 T / TP 12	21 349	**130.00**	90 T / TP 12	21 372	**179.00**
70 T / TP 14	21 320	**96.00**	80 T / TP 14	21 348	**130.00**	80 T / TP 14	21 371	**179.00**
						70 T / TP 16	21 370	**179.00**

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Recommended accessories

BERG & SCHMID SÄGETECHNIK
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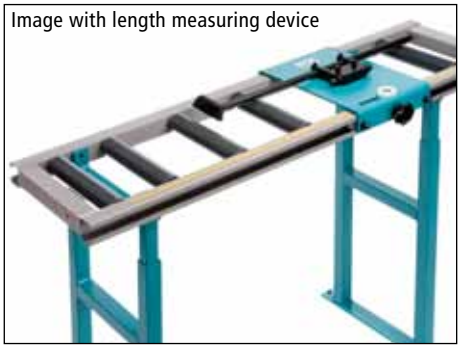
Order no. 19 415 — € plus VAT
Starter-Kit 1 (VKS 315) — **197.00**
for saws with standard cooling
1 saw blades 240 T / TP 4
1 saw blades 120 T / TP 8
5 l coolant concentrate

Order no. 19 416 — € plus VAT
Starter-Kit 2 (VKS 315) — **234.00**
for saws with micro spraying system
1 saw blade 240 T / TP 4
1 saw blades 120 T / TP 8
5 l Coolmatic Fluid

Order no. 19 417 — € plus VAT
Starter-Kit 1 (VKS 370) — **330.00**
for saws with standard cooling
1 saw blades 280 T / TP 4
1 saw blades 140 T / TP 8
5 l coolant concentrate

Order no. 19 418 — € plus VAT
Starter-Kit 2 (VKS 370) — **366.00**
for saws with micro spraying system
1 saw blades 280 T / TP 4
1 saw blades 140 T / TP 8
5 l Coolmatic Fluid

Image with length measuring device



For more combination possibilities, see page 80

Accessories VKS 315 HA / VKS 370 HA

Levelling elements (1 set = 4 items) for semi-automatic	999030	p. set **128.00**
Foot switch with connector cable and plug	970	**186.00**
Pneumatic vertical tensioning device	691100	**512.00**
Special prismatic jaws for bundle cuts and thin-walled tubes (Recommendation roller conveyor RS 300 + slanting rollers)	506500	**406.00**
Length stop with a gauge length of 500 mm	20 900	**259.00**
Length stop with a gauge length of 1,000 mm	20 901	**289.00**
Holding plate for length stop 500 / 1,000 mm	658505	**34.00**
Support for gauge length 1,000 mm	20 902	**85.00**
Material support column, roller width 260 mm height-adjustable from 800 -1150 mm (8 kg)	20 855	**120.00**

Extension options with automatic positioning system or pusher (see page 80)

B&S Super Cool Coolant concentrate for integrated standard cooling water soluble from 1:5 to 1:15 5 l canister	20 805	**57.00**
10 l canister	20 810	**101.00**
B&S COOLMATIC PLUS Micro spraying system 24 V/AC including 1 l fluid, spray head and holder	20 625	**816.00**
B&S COOLMATIC Fluid 1 l bottle	20 660	**24.00**
5 l canister	20 661	**101.00**

Standard roller conveyors

ST 260
Roller width 260 mm = universal use
Solid construction, with plastic rollers 50 mm Ø
Roller width 260 mm, load capacity approx. 100 kg/m
height-adjustable from 800 – 1150 mm
Shipment without adapter (connector to the machine)

Note:
Please specify the feeding and removal sides for roller conveyors and adapters!

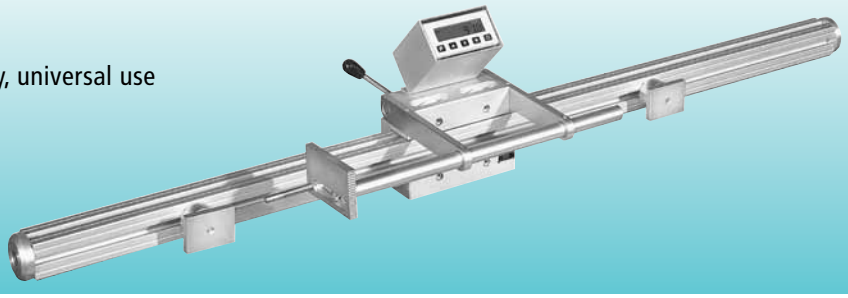
Feeding/Removing roller conveyor		
Length 1,000 mm complete with support	20 931	**442.00**
Length 2,000 mm complete with support	20 932	**478.00**
Length 3,000 mm complete with support	20 933	**525.00**
Length 4,000 mm complete with 2 supports	20 934	**716.00**
Length 5,000 mm complete with 2 supports	20 936	**791.00**
Length 6,000 mm complete with 3 supports	20 937	**934.00**
Roller conveyor with length measuring device Measuring stop adjustable and foldable, incl. reading glass		
Length 1,000 mm complete with support	20 961	**796.00**
Length 2,000 mm complete with support	20 962	**868.00**
Length 3,000 mm complete with support	20 963	**980.00**
Length 4,000 mm complete with 2 supports	20 964	**1,205.00**
Length 5,000 mm complete with 2 supports	20 966	**1,285.00**
Length 6,000 mm complete with 3 supports	20 967	**1,448.00**
Additional support for ST 260	21 000	**77.00**
Adapter feeding and removing side	20 980	**62.00**

Semi-automatic

Recommended digital length measuring system in connection with the feeding / removing roller conveyor ST 260

The new digital length measuring system

- State-of-the-art length measuring technology, universal use
- Digital position display
- Measurement via magnetic tape and sensor
- Measuring accuracy ± 0.1 mm/m
- Counting direction is arbitrary



EasyMess XL digital length measuring system Complete with stop carriage, digital display, battery, guide rail and mounting kit		
Gauge length 1000 mm	20 951	**894.00**
Gauge length 2000 mm	20 952	**1,039.00**
Gauge length 3000 mm	20 953	**1,144.00**
Gauge length 4000 mm	20 954	**1,316.00**
Gauge length 5000 mm	20 955	**1,445.00**
Gauge length 5850 mm	20 956	**1,622.00**

VKS 370 VA

Fully automatic hydro pneumatic machine

- Mitre le. 60° + ri. 45°
- Micro processor control or CNC control
- Robust prismatic guiding of the saw head

in 2 designs:

VKS 370 VA MPS
with micro processor control

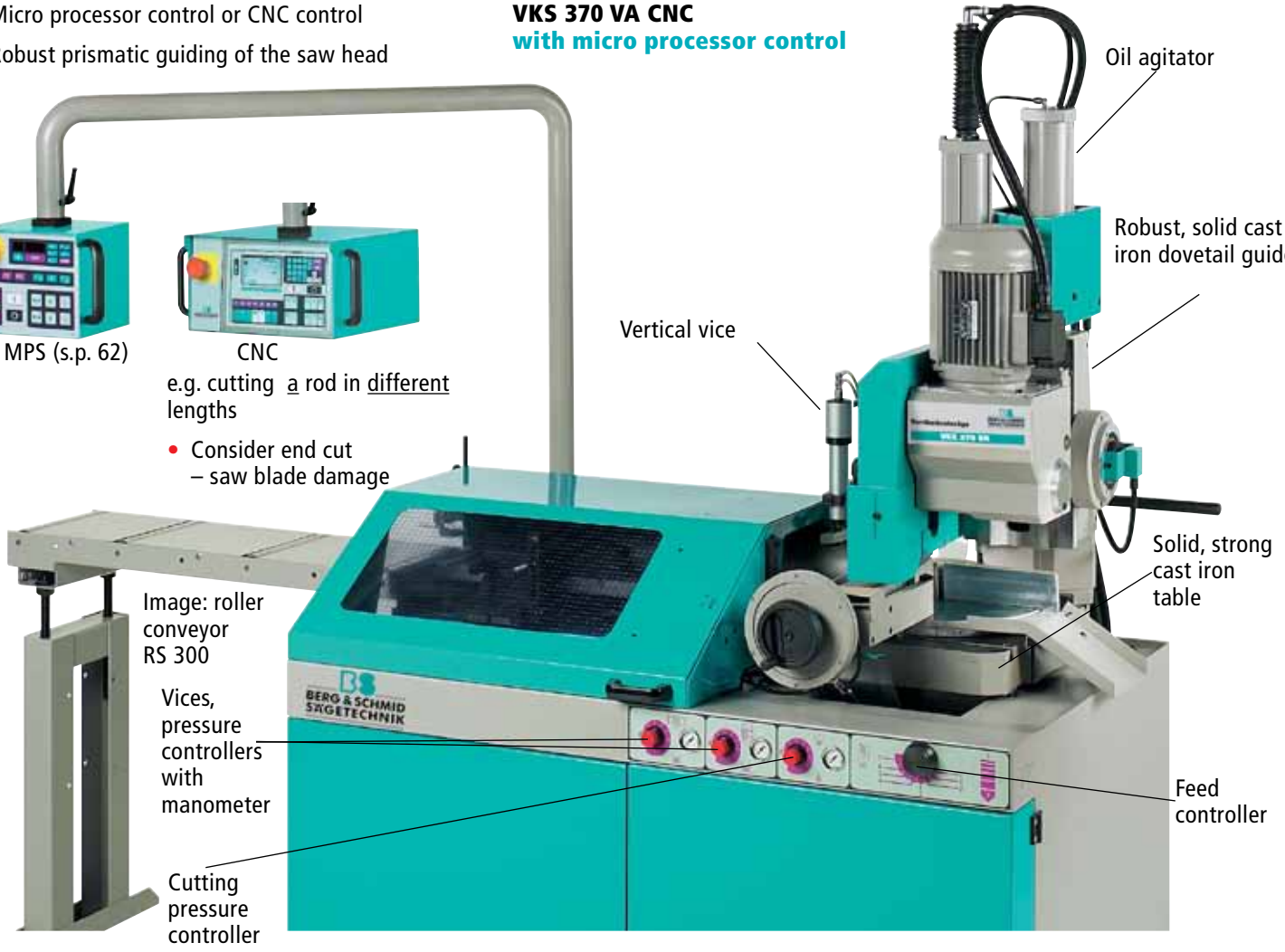
VKS 370 VA CNC
with micro processor control

MPS (s.p. 62)

CNC

e.g. cutting a rod in different lengths

- Consider end cut – saw blade damage



Cutting areas	○	□	▭
90°	120	100	180 x 100
45° le.	120	100	130 x 100
60° le.	110	90	90 x 100
45° ri.	105	100	130 x 100

Technicald ata	VKS 370 VA MPS			VKS 370 VA CNC
Motor	1.8 / 2.2 kW / 400 V		3.0 kW / 400 V	3.0 kW / 400 V
Speed	15 + 30 min.$^{-1}$	30 + 60 min.$^{-1}$	15 – 70 min.$^{-1}$	15 – 70 min.$^{-1}$
Saw blade	HSS 370 x 3.0 x 40 mm			HSS 370 x 3.0 x 40 mm
Floor space (D x W x H)	1,900 x 1,450 x 2,100 mm			1,900 x 1,450 x 2,100 mm
Working height	925 mm			925 mm
Weight	712 kg			744 kg
Order no.	20 191	20 190	20 192	20 195
Prices € plus VAT	**17,470.00**	**17,470.00**	**18,277.00**	**21,226.00**

Circular metal saw blades price per item

350 x 3.0 x 40 mm	Order no.	€ plus VAT	370 x 3.0 x 40 mm	Order no.	€ plus VAT
280 T / TP 4	21 353	**130.00**	280 T / TP 4	21 376	**179.00**
180 T / TP 6	21 352	**130.00**	190 T / TP 6	21 375	**179.00**
140 T / TP 8	21 351	**130.00**	140 T / TP 8	21 374	**179.00**
110 T / TP 10	21 350	**130.00**	110 T / TP 10	21 373	**179.00**
90 T / TP 12	21 349	**130.00**	90 T / TP 12	21 372	**179.00**
80 T / TP 14	21 348	**130.00**	80 T / TP 14	21 371	**179.00**
			70 T / TP 16	21 370	**179.00**

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Recommended accessories

BERG & SCHMID SÄGETECHNIK
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Order no. 19 417 — € plus VAT
Starter-Kit 1 — **330.00**
(VKS 370)
for saws with standard cooling

1 saw blades 280 T/TP 4
1 saw blades 140 T/TP 8
5 l coolant concentrate

Order no. 19 418 — € plus VAT
Starter-Kit 2 — **366.00**
(VKS 370)
for saws with micro spraying system

1 saw blades 280 T/TP 4
1 saw blades 140 T/TP 8
5 l Coolmatic Fluid

Accessories VKS 370 VA

Levelling elements (1 set = 4 items) for fully automatic	999031	p. set **112.00**
Laser for sawing on markings	999999	**on request**
Special prismatic jaws for bundle cuts and thin-walled tubes (Recommendation roller conveyor RS 300 + slanting rollers)	506510	**607.00**
Length stop with a gauge length of 500 mm	20 900	**259.00**
Length stop with a gauge length of 1,000 mm	20 901	**289.00**
Holding plate for length stop 500 / 1.000 mm	658505	**34.00**
Support for gauge length 1,000 mm	20 902	**85.00**
Material support column, roller width 260 mm height-adjustable from 800 -1150 mm (8 kg)	20 855	**120.00**
B&S Super Cool Coolant concentrate for integrated standard cooling water soluble from 1:5 to 1:15 5 l canister	20 805	**57.00**
10 l canister	20 810	**101.00**
B&S COOLMATIC PLUS Micro spraying system 24 V/AC including 1 l fluid, spray head and holder	20 625	**816.00**
B&S COOLMATIC Fluid 1 l bottle	20 660	**24.00**
5 l canister	20 661	**101.00**

For more combination possibilities, see page 80

Accessories VKS 370 VA CNC

Preparation for subsequent installation of the inclined loading magazines SLM 3000 and SML 600	Additional charge	**1,674.00**
B&S inclined loading magazine SLM 3000, for rods with a length of up to 3000 mm	21 069	**on request**
B&S inclined loading magazine SLM 6000, for rods with a length of up to 6000 mm	21 070	**on request**

The inclined loading magazine enables the automatic transport of all equal rods on the bevel to the machine area and to process the rods there without supervision.
Magazine length 3000 / 6000 mm
Support width 800 mm
Drive power 0.37 kW
Weight approx. 250 / 500 kg
Dimensions L = 3300-/-6300 mm, W = 900 mm, H = 1400 mm
Loading areas in mm
Tube round 10 - 90, square 10 - 80, flat 80 x 10 - 80
Solids round 10 - 40, square 10 - 40, flat 80 x 10 - 20

Automation example

Fully automatic

Image RS 300 with length measuring device

Super roller conveyors

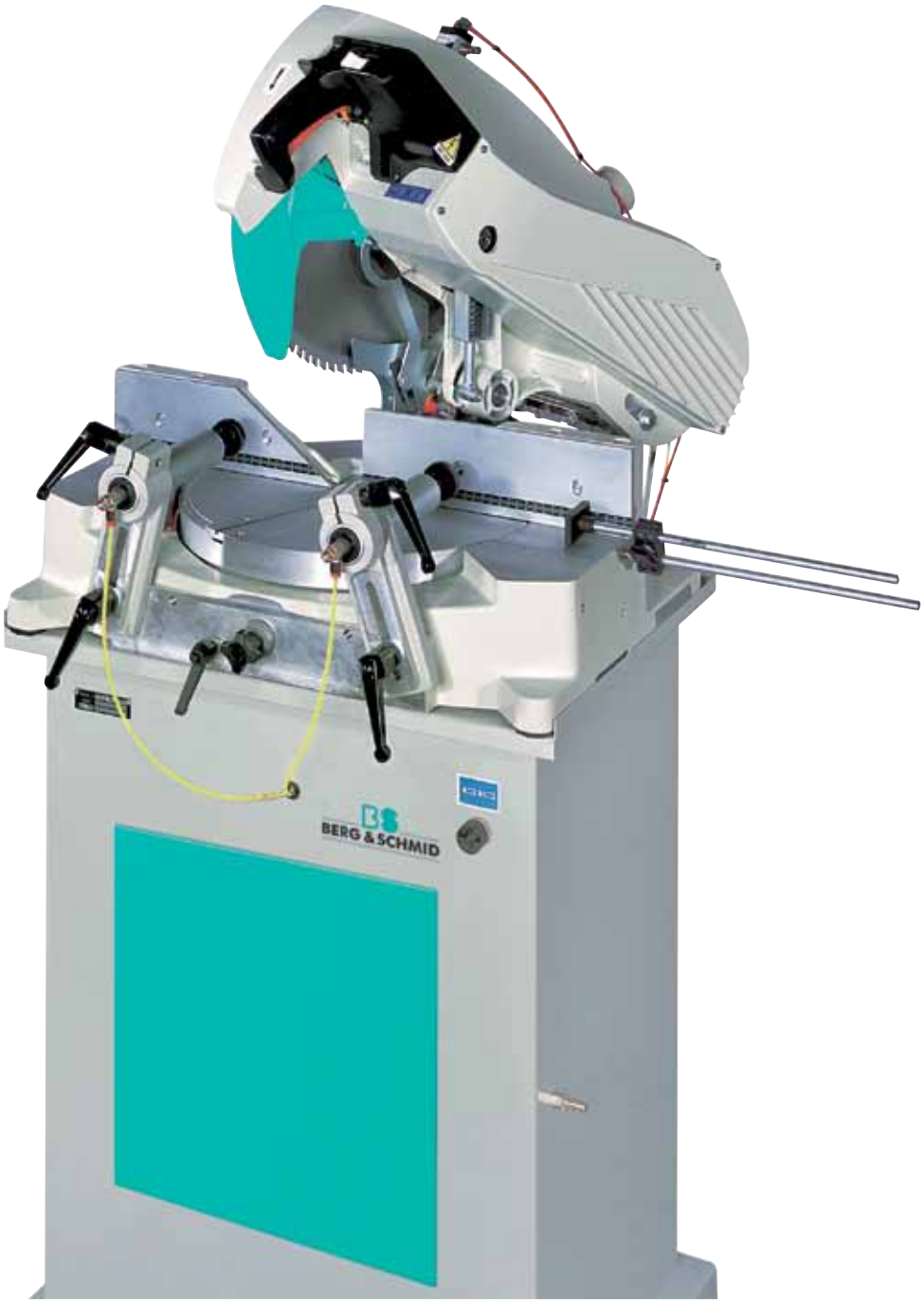
RS 300
Solid steel rollers with a width of 300 mm, load capacity 400 kg/m.
Extra robust construction for a high load capacity.
Easy height-adjustment, stepless, from 860 - 1010 mm.
Very steady, easy to fix
Shipment without adapter (connector to machine).

Note:
Please specify the feeding and removal sides for roller conveyors and adapters!

Feeding/Removing roller conveyor		
Basic unit 2,000 mm with 2 supports	21 010	**666.00**
Extension unit 2,000 mm with 1 support	21 012	**546.00**
Removing roller conveyor with length measuring device		
Basic unit length 2,000 mm with 2 supports	21 016	**1,082.00**
Extension unit length 2,000 mm with 1 support	21 018	**957.00**
Adapter RS 300		
Complete with screw connection	21 116	**108.00**
Additional support for Super roller conveyors	690027	**140.00**
Steel carrying roller 50 x 300 mm	759398	**26.00**
Plastic carrying roller 50 x 300 mm	759800	**37.00**
Slanting rollers for bundle tensioning 1 set = 2 rollers	21 140	p. set **160.00**
Vertical rollers for lateral material support 1 set = 2 rollers	21 141	p. set **245.00**

Master Line

AluJet 350
The 5 for ALUMINIUM
Quick - accurate - economical



Complex standard equipment

- Particularly efficient due to the pneumatic double tensioning device
- Complete with machine underframe and integrated mist spraying device
- Fixed tab locations on the most important mitre angles
- Connecting piece on the saw blade protection cover for the chipping extraction unit (option)
- Safety motor brake
- Dynamically aligned

Cutting areas	○	□	▭
90°	100	100	100 x 195
45° le.	100	100	100 x 135
45° ri.	100	100	100 x 135

Technical data	AluJet 350
Motor	2.2 kW / 400 V
Speed	2,800 min.$^{-1}$
Saw blade	HM 350 x 30 mm
Floor space (D x W x H)	700 x 700 x 1,400 mm
Working height	900 mm
Weight	90 kg
Order no.	20 230
Prices € plus VAT	3,114.00

Saw blades equipped with hard metal price per item

	Order no.	€ plus VAT
350 x 30 mm, without side holes, 84 teeth (neg.)	21 540	**154.00**

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Recommended accessories

BERG & SCHMID SÄGETECHNIK
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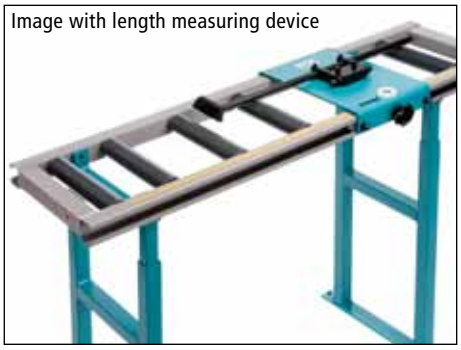
Accessories AluJet 350

Levelling elements (1 set = 4 items)	999031	p. set **112.00**
Chipping extraction unit, movable, 2,800 min.$^{-1}$		
Air flow rate 1,500 cbm/h, Motor 400 V / 0.7 kW (38 kg)	20 590	**1,199.00**
Connecting piece for AluJet	20 595	**53.00**
Material support column, roller width 260 mm		
height-adjustable from 800 -1150 mm (8 kg)	20 855	**123.00**

B&S Super Cool Coolant concentrate		
for integrated standard cooling		
water soluble from 1:5 to 1:15 5 l canister	20 805	**57.00**
10 l canister	20 810	**101.00**
B&S COOLMATIC PLUS		
Micro spraying system 24 V/AC	20 625	**816.00**
including 1 l fluid, spray head and holder		
B&S Super Coolmatic Special Fluid		
Particularly suitable for the machining		
of aluminium and nonferrous metals		
Residue-free 1 l bottle	20 664	**47.00**
5 l canister	20 665	**198.00**

Image with length measuring device



For more combination possibilities, see page 80

Standard roller conveyors

Note:
Please specify the feeding and removal sides for roller conveyors and adapters!

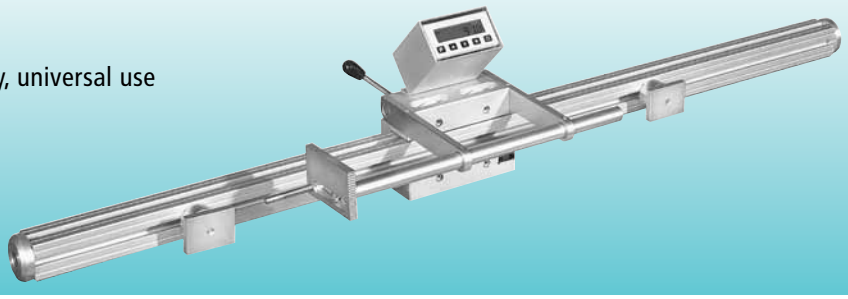
ST 260
Roller width 260 mm = universal use
Solid construction, with plastic rollers 50 mm Ø
Roller width 260 mm, load capacity approx. 100 kg/m
height-adjustable from 800 – 1150 mm
Shipment without adapter (connector to the machine)

Feeding/Removing roller conveyor		
Length 1,000 mm complete with support	20 931	**442.00**
Length 2,000 mm complete with support	20 932	**478.00**
Length 3,000 mm complete with support	20 933	**525.00**
Length 4,000 mm complete with 2 supports	20 934	**716.00**
Length 5,000 mm complete with 2 supports	20 936	**791.00**
Length 6,000 mm complete with 3 supports	20 937	**934.00**
Roller conveyor with length measuring device		
Measuring stop adjustable and foldable, incl. reading glass		
Length 1,000 mm complete with support	20 961	**796.00**
Length 2,000 mm complete with support	20 962	**868.00**
Length 3,000 mm complete with support	20 963	**980.00**
Length 4,000 mm complete with 2 supports	20 964	**1,205.00**
Length 5,000 mm complete with 2 supports	20 966	**1,285.00**
Length 6,000 mm complete with 3 supports	20 967	**1,448.00**
Additional support for ST 260	21 000	**77.00**
Adapter feeding and removing side	20 985	**62.00**

Recommended digital length measuring system in connection with the feeding / removing roller conveyor ST 260

The new digital length measuring system

- State-of-the-art length measuring technology, universal use
- Digital position display
- Measurement via magnetic tape and sensor
- Measuring accuracy ± 0.1 mm/m
- Counting direction is arbitrary



EasyMess XL digital length measuring system		
Complete with stop carriage, digital display, battery, guide rail and mounting kit		
Gauge length 1000 mm	20 951	**894.00**
Gauge length 2000 mm	20 952	**1,039.00**
Gauge length 3000 mm	20 953	**1,144.00**
Gauge length 4000 mm	20 954	**1,316.00**
Gauge length 5000 mm	20 955	**1,449.00**
Gauge length 5850 mm	20 956	**1,622.00**

MultiCut 400

Underfloor circular aluminium saw

Complex standard equipment

- Maintenance unit for pneumatic control
- Ball bearing mounted rotary table
- Connecting piece for chipping extraction unit
- 2 pneumatic vertical vices
- Slewing range 180°
- Movable rear material stop = large cutting area
- Mist spraying device
- Motor brake
- Machine underframe

Also available as semi-automatic machine

Additionally:

- Steplessly adjustable saw blade feed
- Two-hand safety control

Image
MultiCut 400 Manual

MultiCut 530 HA

Cutting areas	○	□	▭	○	□	▭	○	□	▭
90°	110	100 x 160	60 x 200	110	100 x 160	60 x 200	180	150	290 x 70
45° le.	100	100 x 100	60 x 140	100	100 x 100	60 x 140	180	170	380 x 70
45° ri.	100	100 x 100	60 x 140	100	100 x 100	60 x 140	180	170	380 x 70

Technical data	MultiCut 400 Manual	MultiCut 400 HA	MultiCut 530 HA
Motor	1.1 kW / 400 V	1.1 kW / 400 V	2.2 kW / 400 V
Speed	2,800 min.$^{-1}$	2,800 min.$^{-1}$	2,800 min.$^{-1}$
Saw blade	HM 400 x 30 mm HM 400 x 30 mm	HM 530 x 30 mm	
Floor space (D x W x H)	640 x 780 x 1,250 mm	640 x 780 x 1,250 mm	830 x 1,030 x 1,450 mm
Working height	890 mm	890 mm	1,000 mm
Weight	120 kg	129 kg	350 kg
Order no.	20 232	20 234	20 236
Prices € plus VAT	**4,542.00**	**5,696.00**	**15,409.00**

Saw blades equipped with hard metal price per item

	Order no.	€ plus VAT	Order no.	€ plus VAT	Order no.	€ plus VAT
400 x 30 mm, without side holes, 96 teeth (pos.)	21 545	**194.00**	21 545	**194.00**		
500 x 30 mm, with 2 SH 8 / 63 mm, 120 teeth (pos.)					21 550	**310.00**
530 x 30 mm, with 2 SH 8 / 63 mm, 120 teeth (pos.)					21 555	**532.00**

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Recommended accessories

BERG & SCHMID SÄGETECHNIK
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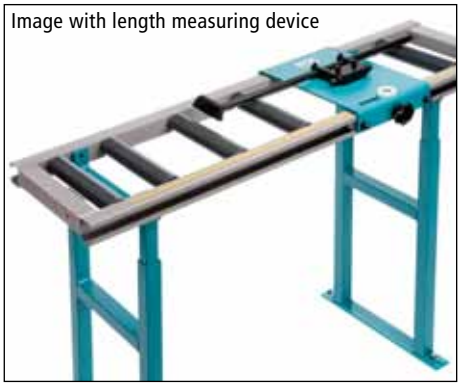
Order no. 19 419 — € plus VAT
Starter-Kit 1 (MultiCut 400) — **355.00**
for saws with standard cooling
2 saw blades 96 teeth (pos.)
5 l coolant concentrate

Order no. 19 420 — € plus VAT
Starter-Kit 2 (MultiCut 400) — **381.00**
for saws with micro spraying system
2 saw blades 96 teeth (pos.)
2 x 1 l Coolmatic Special Fluid

Order no. 19 421 — € plus VAT
Starter-Kit 1 (MultiCut 530) — **889.00**
for saws with standard cooling
2 saw blades 120 teeth (pos.)
5 l coolant concentrate

Order no. 19 422 — € plus VAT
Starter-Kit 2 (MultiCut 530) — **1,008.00**
for saws with micro spraying system
2 saw blades 120 teeth (pos.)
5 l Coolmatic Special Fluid

Image with length measuring device



For more combination possibilities, see page 80

Accessories MultiCut 400 / MultiCut 530 HA

Levelling elements (1 set = 4 items)	999031	p. set **112.00**
Chipping extraction unit, movable, 2,800 min.$^{-1}$		
Air flow rate 1,500 cbm/h, Motor 400 V / 0.7 kW (38 kg)	20 590	**1,199.00**
Connecting piece for MultiCut 400 / MultiCut 530 HA	20 596	**53.00**
Material support column, roller width 260 mm		
height-adjustable from 800 -1150 mm (8 kg)	20 855	**123.00**
B&S Super Cool Coolant concentrate for integrated standard cooling		
water soluble from 1:5 to 1:15 5 l canister	20 805	**57.00**
10 l canister	20 810	**101.00**
B&S COOLMATIC PLUS		
Micro spraying system 24 V/AC	20 625	**816.00**
including 1 l fluid, spray head and holder		
B&S Super Coolmatic Special Fluid		
Particularly suitable for the machining of aluminium and nonferrous metals		
Residue-free 1 l bottle	20 664	**47.00**
5 l canister	20 665	**198.00**

Automatic convenience package for MultiCut 530 HA
(requirement for the installation of an NC-positioning system)
consisting of:
- Semi-automatic operation via the start-button
  (Close the vice - cutting - open the vice)
- Cutting height adjustment via micro switch — 20 599 — **2,787.00**

Horizontal vices (2 items) for MultiCut 400	L1002	**706.00**
Horizontal vices (2 items) for MultiCut 530	L1004	**672.00**

Standard roller conveyors

ST 260
Roller width 260 mm = universal use
Solid construction, with plastic rollers 50 mm Ø
Roller width 260 mm, load capacity approx. 100 kg/m
height-adjustable from 800 – 1150 mm
Shipment without adapter (connector to the machine)

Note:
Please specify the feeding and removal sides for roller conveyors and adapters!

Feeding/Removing roller conveyor		
Length 1,000 mm complete with support	20 931	**442.00**
Length 2,000 mm complete with support	20 932	**478.00**
Length 3,000 mm complete with support	20 933	**525.00**
Length 4,000 mm complete with 2 supports	20 934	**716.00**
Length 5,000 mm complete with 2 supports	20 936	**791.00**
Length 6,000 mm complete with 3 supports	20 937	**934.00**
Roller conveyor with length measuring device		
Measuring stop adjustable and foldable, incl. reading glass		
Length 1,000 mm complete with support	20 961	**796.00**
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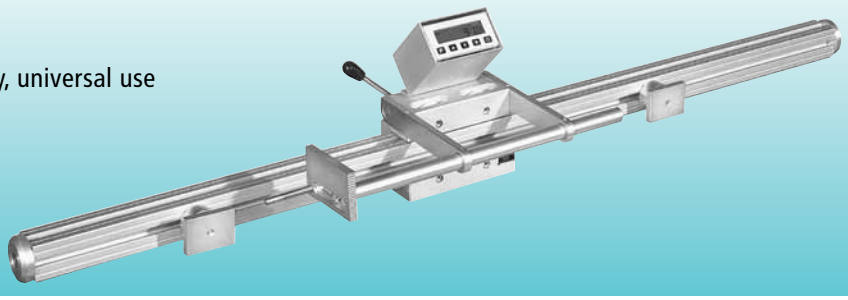
Length 5,000 mm complete with 2 supports	20 966	**1,285.00**
Length 6,000 mm complete with 3 supports	20 967	**1,448.00**
Additional support for ST 260	21 000	**77.00**
Adapter feeding and removing side	20 986	**62.00**

Recommended digital length measuring system in connection with the feeding / removing roller conveyor ST 260

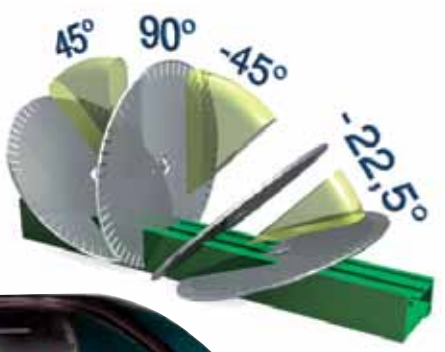
The new digital length measuring system

- State-of-the-art length measuring technology, universal use
- Digital position display
- Measurement via magnetic tape and sensor
- Measuring accuracy ± 0.1 mm/m
- Counting direction is arbitrary



EasyMess XL digital length measuring system		
Complete with stop carriage, digital display, battery, guide rail and mounting kit		
Gauge length 1000 mm	20 951	**894.00**
Gauge length 2000 mm	20 952	**1,039.00**
Gauge length 3000 mm	20 953	**1,144.00**
Gauge length 4000 mm	20 954	**1,316.00**
Gauge length 5000 mm	20 955	**1,449.00**
Gauge length 5850 mm	20 956	**1,622.00**

Master Line



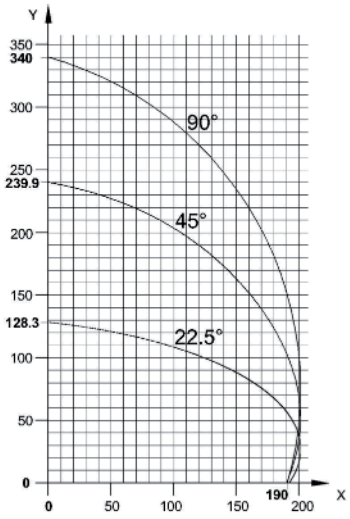
Back-Cut 550

Semi-automatic circular saw for aluminium and plastic

Complex standard equipment

- Automatic slewing of the mitre via rotary knob, 55° on the left side and up to 67.5° (22.5°) on the right side
- 2 pneumatic horizontal vices
- Overall protection cover of the saw unit
- Preparation for chippin extraction
- Exchangeable cutting support made of aluminium
- Operating tools and blow-out gun
- Steplessly adjustable saw blade feed
- Mist spraying device for cooling emulsion

Saw blade Ø 550 mm



Cutting areas	○	□	▯
90°	180	180	100 x 280
45° le.	150	150	100 x 200
45° ri.	150	150	100 x 200

Technical data	Back-Cut 550
Motor	2.2 kW / 400 V
Speed	2,800 min.$^{-1}$
Saw blade	HM 550 x 30 mm
Floor space (D x W x H)	960 x 1,510 x 1,570 mm
Working height	900 mm
Weight	410 kg
Order no.	20 237
Prices € plus VAT	**12,678.00**

Saw blades equipped with hard metal price per item

	Order no.	€ plus VAT
500 x 30 mm, with 2 SH 8/63 mm, 120 teeth (pos.)	21 550	**310.00**
530 x 30 mm, with 2 SH 8/63 mm, 120 teeth (pos.)	21 555	**532.00**
550 x 30 mm, with 2 SH 8/63 mm, 120 teeth (pos.)	21 557	**532.00**

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Recommended accessories

BERG & SCHMID SÄGETECHNIK
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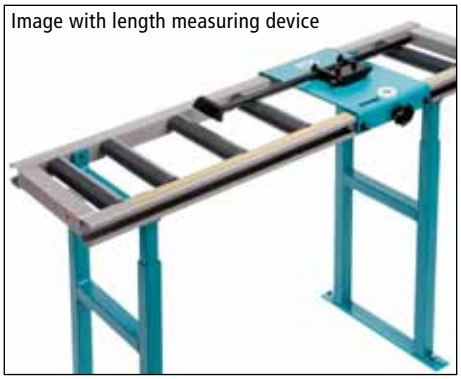
Accessories BackCut 550

Material support column, roller width 260 mm height-adjustable from 800 -1150 mm (8 kg)	20 855	**123.00**
2 pneumatic vertical vices	L1005	**350.00**
Chipping extraction unit, movable, 2,800 min.$^{-1}$		
Air flow rate 1,500 cbm/h, Motor 400 V / 0.7 kW (38 kg)	20 590	**1,199.00**
Connecting piece for MultiCut 400 / MultiCut 530 HA	20 596	**53.00**
B&S COOLMATIC PLUS Micro spraying system 24 V/AC including 1 l fluid, spray head and holder	20 625	**816.00**
B&S Super Coolmatic Special Fluid Particularly suitable for the machining of aluminium and nonferrous metals		
Residue-free 1 l bottle	20 664	**47.00**
5 l canister	20 665	**198.00**

Image with length measuring device



For more combination possibilities, see page 80

Standard roller conveyors

Note:
Please specify the feeding and removal sides for roller conveyors and adapters!

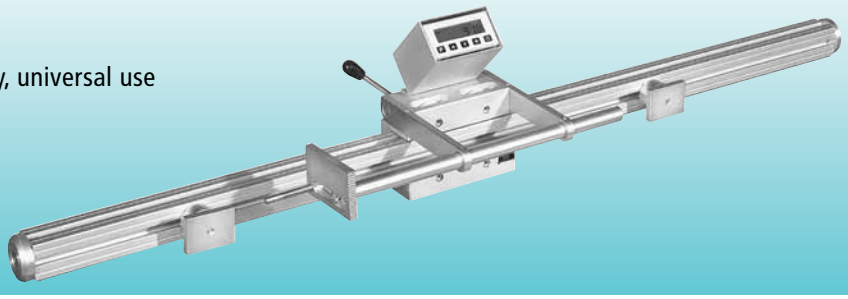
ST 260
Roller width 260 mm = universal use
Solid construction, with plastic rollers 50 mm Ø
Roller width 260 mm, load capacity approx. 100 kg/m
height-adjustable from 800 – 1150 mm
Shipment without adapter (connector to the machine)

Feeding/Removing roller conveyor		
Length 1,000 mm complete with support	20 931	**442.00**
Length 2,000 mm complete with support	20 932	**478.00**
Length 3,000 mm complete with support	20 933	**525.00**
Length 4,000 mm complete with 2 supports	20 934	**716.00**
Length 5,000 mm complete with 2 supports	20 936	**791.00**
Length 6,000 mm complete with 3 supports	20 937	**934.00**
Roller conveyor with length measuring device		
Measuring stop adjustable and foldable, incl. reading glass		
Length 1,000 mm complete with support	20 961	**796.00**
Length 2,000 mm complete with support	20 962	**868.00**
Length 3,000 mm complete with support	20 963	**980.00**
Length 4,000 mm complete with 2 supports	20 964	**1,205.00**
Length 5,000 mm complete with 2 supports	20 966	**1,285.00**
Length 6,000 mm complete with 3 supports	20 967	**1,448.00**
Additional support for ST 260	21 000	**77.00**
Adapter feeding and removing side	20 984	**62.00**

Recommended digital length measuring system in connection with the feeding / removing roller conveyor ST 260

The new digital length measuring system

- State-of-the-art length measuring technology, universal use
- Digital position display
- Measurement via magnetic tape and sensor
- Measuring accuracy ± 0.1 mm/m
- Counting direction is arbitrary



EasyMess XL digital length measuring system		
Complete with stop carriage, digital display, battery, guide rail and mounting kit		
Gauge length 1000 mm	20 951	**894.00**
Gauge length 2000 mm	20 952	**1,039.00**
Gauge length 3000 mm	20 953	**1,144.00**
Gauge length 4000 mm	20 954	**1,316.00**
Gauge length 5000 mm	20 955	**1,449.00**
Gauge length 5850 mm	20 956	**1,622.00**

Master Line

V-Cut 400
90° Notching saw
for aluminium and plastics

Complex standard equipment

- Automatic protection cover of the saw unit
- Two pneumatic vertical vices
- Transverse stop system
- Lateral stop system
- Operating tools and blow-out pistol
- Pneumatic maintenance unit
- Two saw blades included

Cutting areas	
Profile height / width	150 / 110 mm
Angle depth	95 mm
Angle length	190 mm

Technical data	**V-Cut 400**
Motor	1.5 kW / 400 V
Speed	2,800 min.$^{-1}$
Saw blade	HM 400 x 30 mm
Floor space (D x W x H)	1,300 x 765 x 1,830 mm
Working height	900 mm
Width	372 kg
Order no.	20 231
Prices € plus VAT	**8,148.00**

Saw blades equipped with hard metal proce per item

	Order no.	**€** plus VAT
400 x 30 mm, 96 teeth (pos.)	21 545	**194.00**

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Recommended accessories

BERG & SCHMID SÄGETECHNIK
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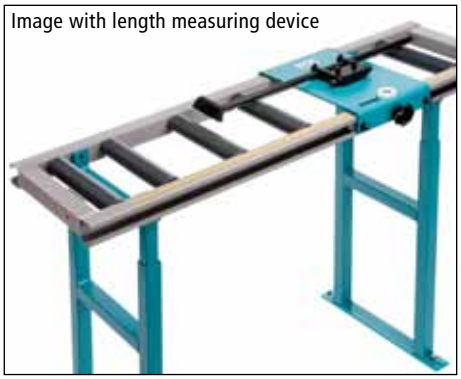
Accessories V-Cut 400

Material support column, roller width 260 mm height-adjustable from 800 -1150 mm (8 kg)	20 855	**123.00**
2 pneumatic vertical vices	L1005	**350.00**
Chipping extraction unit, movable, 2,800 min.$^{-1}$ Air flow rate 1,500 cbm/h, motor 400 V / 0.7 kW (38 kg)	20 590	**1,199.00**
Connecting piece for V-Cut	20 594	**53.00**
B&S COOLMATIC PLUS Micro spraying system 24 V/AC including 1 l fluid, spray head and holder	20 625	**816.00**
B&S Super Coolmatic Special Fluid Particularly suitable for the machining of aluminium and nonferrous metals		
Residue-free 1 l bottle	20 664	**47.00**
5 l canister	20 665	**198.00**

Image with length measuring device



Standard roller conveyors

Note:
Please specify the feeding and removal sides for roller conveyors and adapters!

ST 260
Roller width 260 mm = universal use
Solid construction, with plastic rollers 50 mm Ø
Roller width 260 mm, load capacity approx. 100 kg/m
height-adjustable from 800 – 1150 mm
Shipment without adapter (connector to the machine)

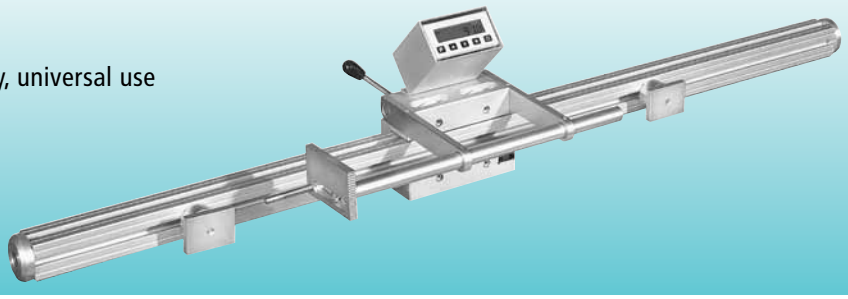
Feeding/Removing roller conveyor		
Length 1,000 mm complete with support	20 931	**442.00**
Length 2,000 mm complete with support	20 932	**478.00**
Length 3,000 mm complete with support	20 933	**525.00**
Length 4,000 mm complete with 2 supports	20 934	**716.00**
Length 5,000 mm complete with 2 supports	20 936	**791.00**
Length 6,000 mm complete with 3 supports	20 937	**934.00**
Roller conveyor with length measuring device		
Measuring stop adjustable and foldable, incl. reading glass		
Length 1,000 mm complete with support	20 961	**796.00**
Length 2,000 mm complete with support	20 962	**868.00**
Length 3,000 mm complete with support	20 963	**980.00**
Length 4,000 mm complete with 2 supports	20 964	**1,205.00**
Length 5,000 mm complete with 2 supports	20 966	**1,285.00**
Length 6,000 mm complete with 3 supports	20 967	**1,448.00**
Additional support for ST 260	21 000	**77.00**
Adapter feeding and removing side	20 984	**62.00**

For more combination possibilities, see page 80

Recommended digital length measuring system in connection with the feeding / removing roller conveyor ST 260

The new digital length measuring system

- State-of-the-art length measuring technology, universal use
- Digital position display
- Measurement via magnetic tape and sensor
- Measuring accuracy ± 0.1 mm/m
- Counting direction is arbitrary

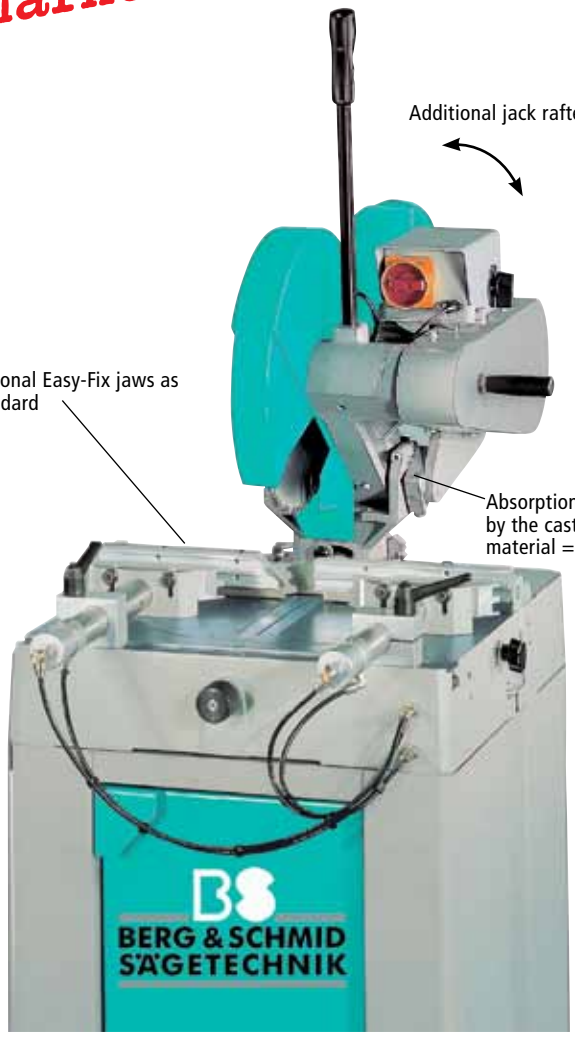


EasyMess XL digital length measuring system		
Complete with stop carriage, digital display, battery, guide rail and mounting kit		
Gauge length 1000 mm	20 951	**894.00**
Gauge length 2000 mm	20 952	**1,039.00**
Gauge length 3000 mm	20 953	**1,144.00**
Gauge length 4000 mm	20 954	**1,316.00**
Gauge length 5000 mm	20 955	**1,449.00**
Gauge length 5850 mm	20 956	**1,622.00**

Velox 350 Manual
Velox 350 PN

The best circular aluminium and nonferrous metal saw on the market...

- Mitre le. + re. 45°
- Bevel cuts up to 45° le.
- Head bevel cuts up to 45° (jack rafter)
- Ball bearing mounted rotary table
- Pneumatic double tensioning device (Velox 350 PN). Vices close when lowering the saw head
- Machine base = standard equipment (Velox 350 PN)
- Highest cutting quality - due to vibration absorption
- Very quiet cutting
- Strong draw and high-performance
- High-quality design


Additional jack rafter cuts
Additional Easy-Fix jaws as a standard
Absorption of vibrations by the cast iron material = quiet running
BS
BERG & SCHMID
SÄGETECHNIK

Cutting areas	○	□	▭	○	□	▭
90°	120	110	200 x 88	120	110	200 x 88
45° le. + ri.	115	110	150 x 80 / 135 x 100	115	110	150 x 80 / 135 x 100
45° inclination	65	60	180 x 50	65	60	180 x 50

Technical data	Velox 350	Velox 350 PN
Motor	1.5 / 1.8 kW / 400 V	1.5 / 1.8 kW / 400 V
Speed	1,800 min.$^{-1}$ + 3,600 min.$^{-1}$	1,800 min.$^{-1}$ + 3,600 min.$^{-1}$
Saw blade	HM 350 x 32 mm	HM 350 x 32 mm
Floor space (D x W x H)	610 x 890 x 990 mm	610 x 890 x 990 mm
Working height	865 mm	865 mm
Weight	165 kg	215 kg
Order no.	20 200	20 205
Prices € plus VAT	**3,552.00** (without base)	**4,082.00** (with base)

Saw blades equipped with hard metal price per item

	Order no.	€ plus VAT	Order no.	€ plus VAT
350 x 4.2 x 32 mm / 54 T / (pos.)	21 532	**107.00**	21 532	**107.00**
350 x 4.2 x 32 mm / 72 T / (pos.)	21 534	**112.00**	21 534	**112.00**
350 x 3.4 x 32 mm / 96 T / (pos.)	21 535	**114.00**	21 535	**114.00**
350 x 3.4 x 32 mm / 112 T / (neg.)	21 537	**120.00**	21 537	**120.00**

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Recommended accessories

BERG & SCHMID SÄGETECHNIK
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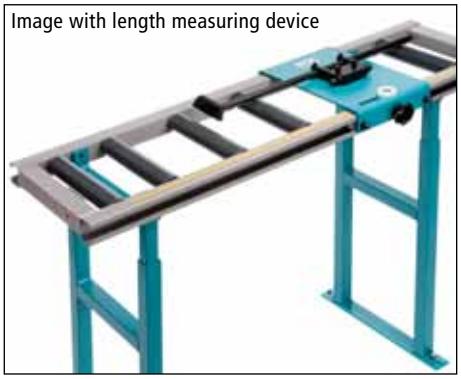
Order no. 19 423 — € plus VAT
Starter-Kit 1 — **226.00**
for saws with standard cooling
2 saw blades 96 teeth (pos.)
5 l coolant concentrate

Order no. 19 424 — € plus VAT
Starter-Kit 2 — **253.00**
for saws with micro spraying system
2 saw blades 96 teeth (pos.)
2 x 1 l Coolmatic Special Fluid

Accessories Velox 350 Manual / Velox 350 PN

Machine base with tool compartment (48 kg)	20 561	**445.00**
Special prismatic jaws for bundle cuts and thin-walled tubes (for Velox 350 PN) material clamping 5- 60 mm Ø	506520	**501.00**
Pneumatic vertical clamping device for Velox 350 PN	XS32000	**378.00**
Levelling elements (1 set = 4 items)	999031	p. set **112.00**
Material support column, roller width 260 mm height-adjustable from 800 -1150 mm (8 kg)	20 855	**123.00**
Chipping extraction unit, movable, 2.800 min.$^{-1}$ Air flow rate 1,500 cbm/h, motor 400 V / 0.7 kW (38 kg)	20 590	**1,199.00**
Length stop with a gauge length of 500 mm	20 900	**259.00**
Length stop with a gauge length of 1,000 mm	20 901	**289.00**
Adapter for length stop	20 906	**102.00**
B&S Super Cool Coolant concentrate for integrated standard cooling		
water soluble from 1:5 to 1:15 5 l canister	20 805	**57.00**
10 l canister	20 810	**101.00**
B&S COOLMATIC PLUS Micro spraying system 24 V/AC including 1 l fluid, spray head and holder	20 625	**816.00**
B&S Super Coolmatic Special Fluid Particularly suitable for the machining of aluminium and nonferrous metals		
Residue-free 1 l bottle	20 664	**47.00**
5 l canister	20 665	**198.00**

Image with length measuring device



Standard roller conveyors

ST 260
Roller width 260 mm = universal use
Solid construction, with plastic rollers 50 mm Ø
Roller width 260 mm, load capacity approx. 100 kg/m
height-adjustable from 800 – 1150 mm
Shipment without adapter (connector to the machine)

Note:
Please specify the feeding and removal sides for roller conveyors and adapters!

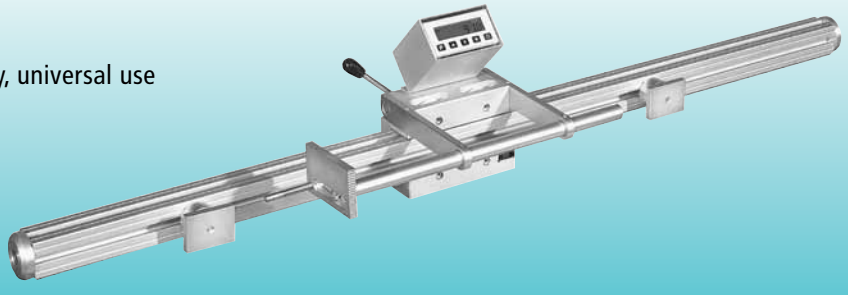
Feeding/Removing roller conveyor		
Length 1,000 mm complete with support	20 931	**442.00**
Length 2,000 mm complete with support	20 932	**478.00**
Length 3,000 mm complete with support	20 933	**525.00**
Length 4,000 mm complete with 2 supports	20 934	**716.00**
Length 5,000 mm complete with 2 supports	20 936	**791.00**
Length 6,000 mm complete with 3 supports	20 937	**934.00**
Roller conveyor with length measuring device		
Measuring stop adjustable and foldable, incl. reading glass		
Length 1,000 mm complete with support	20 961	**796.00**
Length 2,000 mm complete with support	20 962	**868.00**
Length 3,000 mm complete with support	20 963	**980.00**
Length 4,000 mm complete with 2 supports	20 964	**1,205.00**
Length 5,000 mm complete with 2 supports	20 966	**1,285.00**
Length 6,000 mm complete with 3 supports	20 967	**1,448.00**
Additional support for ST 260	21 000	**77.00**
Adapter feeding and removing side	20 990	**62.00**

For more combination possibilities, see page 80

Recommended digital length measuring system in connection with the feeding / removing roller conveyor ST 260

The new digital length measuring system

- State-of-the-art length measuring technology, universal use
- Digital position display
- Measurement via magnetic tape and sensor
- Measuring accuracy ± 0.1 mm/m
- Counting direction is arbitrary



EasyMess XL digital length measuring system
Complete with stop carriage, digital display, battery, guide rail and mounting kit

Gauge length 1000 mm	20 951	**894.00**
Gauge length 2000 mm	20 952	**1,039.00**
Gauge length 3000 mm	20 953	**1,144.00**
Gauge length 4000 mm	20 954	**1,316.00**
Gauge length 5000 mm	20 955	**1,449.00**
Gauge length 5850 mm	20 956	**1,622.00**

With F1 F2 F3 you specify in which function the saw head - saw blade - vice are interactig! (Surface quality)

Velox 350 HA MPS

Semi-automatic hydro-pneumatic machine

- Mitre le. + ri. 45°
- Bevel cuts of up to 45° le.
- Head bevel cuts of up to 45° (jack rafter)
- State-of-the-art micro processor control with multifunctional display (see description on p. 62)
- Ball bearing mounted rotary table
- Pneumatic double clamping device
- Machine base with a mist spraying device = standard equipment
- Highest cutting quality - thanks to vibration absorption
- Strong draw and high-performance
- High-quality design

Cycle time reduction due to the storage of cut start/end
Individual cuts / standard cuts
Additional jack rafter cuts
BERG & SCHMID SÄGETECHNIK

Semi-automatic function:

1. Clamping material
2. The saw starts
3. Lowering in rapid motion until material start or immediate cutting for standard cuts
4. Cutting
5. Lifting the frame in rapid motion until just above the material
6. Saw blade stop
7. Opening the vice

Cutting areas		○	□	▭
90°		120	110	200 x 88
45° le. + ri.		115	110	150 x 80 / 135 x 100
45°	inclination	65	60	180 x 50

Technical data	Velox 350 HA MPS
Motor	1.5 / 1.8 kW / 400 V
Speed	1,800 + 3,600 min.$^{-1}$
Saw blade	HM 350 x 32 mm
Floor space (D x W x H)	1,100 x 920 x 1,700 mm
Working height	865 mm
Weight	268 kg
Order no.	20 210
Prices € plus VAT	7,881.00

Saw blades equipped with hard metal price per item

	Order no.	€ plus VAT
350 x 4.2 x 32 mm / 54 T / (pos.)	21 532	**107.00**
350 x 4.2 x 32 mm / 72 T / (pos.)	21 534	**112.00**
350 x 3.4 x 32 mm / 96 T / (pos.)	21 535	**114.00**
350 x 3.4 x 32 mm / 112 T / (neg.)	21 537	**120.00**

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Recommended accessories

BERG & SCHMID SÄGETECHNIK
...the future has started

Order no. 19 423 — € plus VAT
Starter-Kit 1 — **226.00**
for saws with standard cooling
2 saw blades 96 teeth (pos.)
5 l coolant concentrate

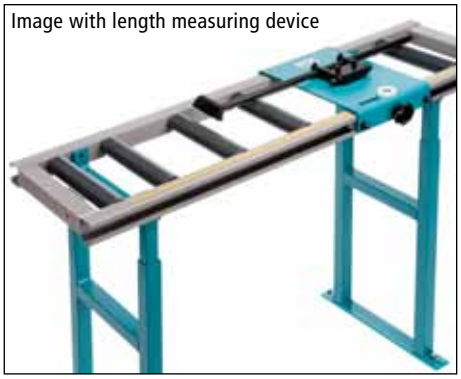
Order no. 19 424 — € plus VAT
Starter-Kit 2 — **253.00**
for saws with micro spraying system
2 saw blades 96 teeth (pos.)
2 x 1 l Coolmatic Special Fluid

Accessories Velox 350 HA MPS

Levelling elements (1 set = 4 items)	999031	p. set **112.00**
Special prismatic jaws for bundle cuts and thin-walled tubes (Only usable in connection with roller conveyor RS 300 + slanting rollers)	506520	**501.00**
Chipping extraction unit, movable, 2,800 min.$^{-1}$ Air flow rate 1,500 cbm/h, motor 400 V / 0.7 kW (38 kg)	20 590	**1,199.00**
Foot switch with connector cable and plug	970	**186.00**
Length stop with a gauge length of 500 mm	20 900	**259.00**
Length stop with a gauge length of 1,000 mm	20 901	**289.00**
Adapter for length stop	20 906	**102.00**
Material support column, roller width 260 mm height-adjustable from 800 -1150 mm (8 kg)	20 855	**123.00**

B&S Super Cool Coolant concentrate for integrated standard cooling water soluble from 1:5 to 1:15 5 l canister	20 805	**57.00**
10 l canister	20 810	**101.00**
B&S COOLMATIC PLUS Micro spraying system 24 V/AC including 1 l fluid, spray head and holder	20 625	**816.00**
B&S Super Coolmatic Special Fluid Particularly suitable for the machining of aluminium and nonferrous metals Residue-free 1 l bottle	20 664	**47.00**
5 l canister	20 665	**198.00**

Image with length measuring device



Standard roller conveyors

ST 260
Roller width 260 mm = universal use
Solid construction, with plastic rollers 50 mm Ø
Roller width 260 mm, load capacity approx. 100 kg/m
height-adjustable from 800 – 1150 mm
Shipment without adapter (connector to the machine)

Note:
Please specify the feeding and removal sides for roller conveyors and adapters!

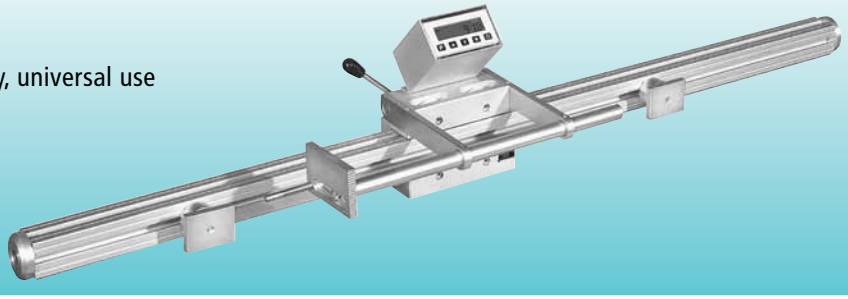
Feeding/Removing roller conveyor		
Length 1,000 mm complete with support	20 931	**442.00**
Length 2,000 mm complete with support	20 932	**478.00**
Length 3,000 mm complete with support	20 933	**525.00**
Length 4,000 mm complete with 2 supports	20 934	**716.00**
Length 5,000 mm complete with 2 supports	20 936	**791.00**
Length 6,000 mm complete with 3 supports	20 937	**934.00**
Roller conveyor with length measuring device Measuring stop adjustable and foldable, incl. reading glass		
Length 1,000 mm complete with support	20 961	**796.00**
Length 2,000 mm complete with support	20 962	**868.00**
Length 3,000 mm complete with support	20 963	**980.00**
Length 4,000 mm complete with 2 supports	20 964	**1,205.00**
Length 5,000 mm complete with 2 supports	20 966	**1,285.00**
Length 6,000 mm complete with 3 supports	20 967	**1,448.00**
Additional support for ST 260	21 000	**77.00**
Adapter feeding and removing side	20 990	**62.00**

For more combination possibilities, see page 80

Recommended digital length measuring system in connection with the feeding / removing roller conveyor ST 260

The new digital length measuring system

- State-of-the-art length measuring technology, universal use
- Digital position display
- Measurement via magnetic tape and sensor
- Measuring accuracy ± 0.1 mm/m
- Counting direction is arbitrary



EasyMess XL digital length measuring system Complete with stop carriage, digital display, battery, guide rail and mounting kit		
Gauge length 1000 mm	20 951	**894.00**
Gauge length 2000 mm	20 952	**1,039.00**
Gauge length 3000 mm	20 953	**1,144.00**
Gauge length 4000 mm	20 954	**1,316.00**
Gauge length 5000 mm	20 955	**1,449.00**
Gauge length 5850 mm	20 956	**1,622.00**

Velox 350 VA

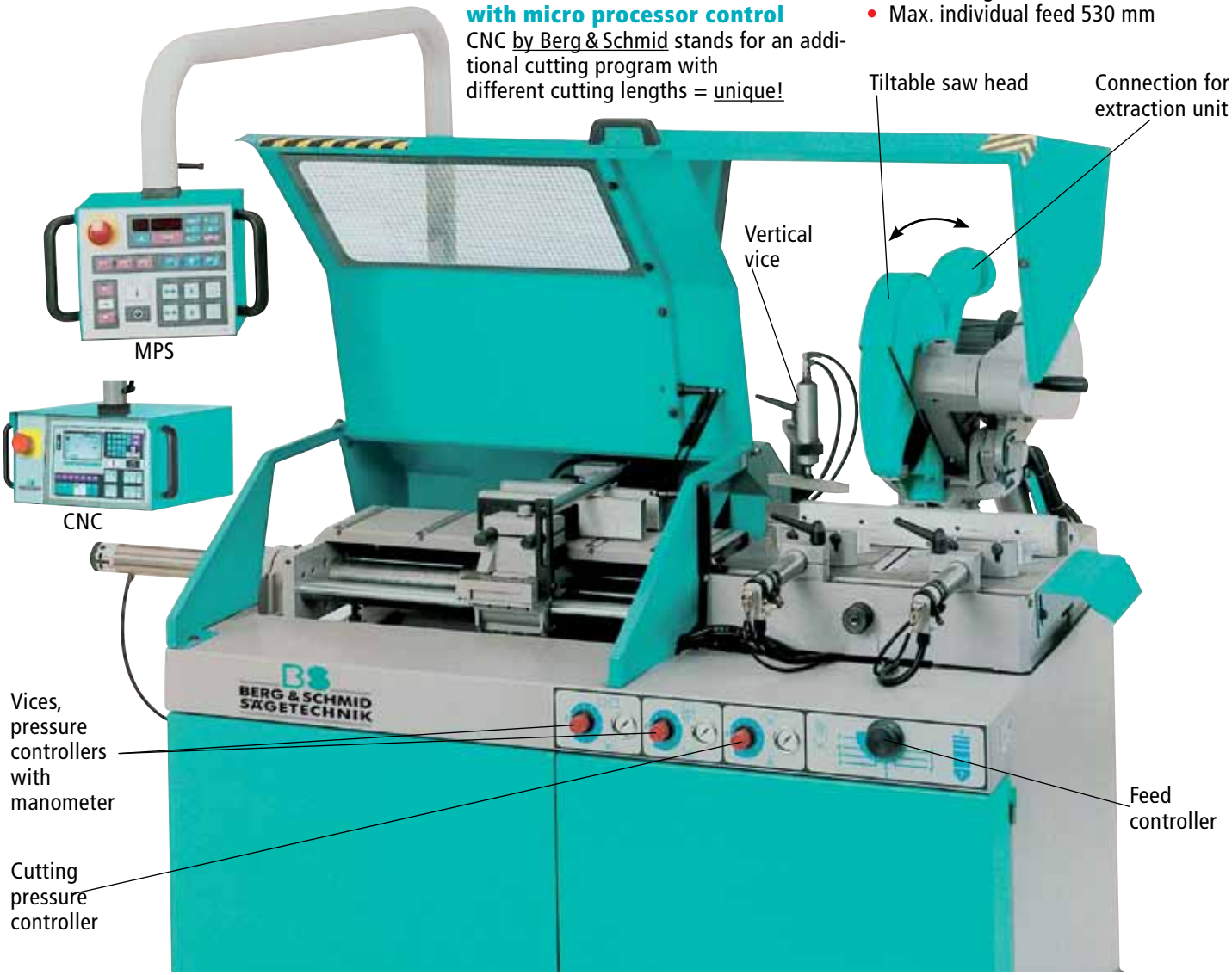
Fully automatic hydro pneumatic machine

in 2 designs:

Velox 350 VA MPS
with micro processor control

Velox 350 VA CNC
with micro processor control
CNC by Berg & Schmid stands for an additional cutting program with different cutting lengths = unique!

- Mitre le. + ri. 45°
- Bevel cuts of up to 45° le.
- Micro provessor control or
- CNC control
- Ball roller guided feed unit
- Max. individual feed 530 mm



Cutting areas	○	□	▭	○	□	▭
90°	120	110	200 x 88	120	110	200 x 88
45° le. + ri.	115	110	150 x 80 / 135 x 100	115	110	150 x 80 / 135 x 100
45° inclination	65	60	180 x 50	65	60	180 x 50

Technical data	Velox 350 VA MPS	Velox 350 VA CNC
Motor	2.2 kW / 400 V	2.2 kW / 400 V
Speed	3,600 min.$^{-1}$	3,600 min.$^{-1}$
Saw blade	HM 350 x 32 mm	HM 350 x 32 mm
Floor space (D x W x H)	1,800 x 1,300 x 1,800 mm	1,800 x 1,450 x 1,800 mm
Working height	930 mm	930 mm
Weight	586 kg	608 kg
Order no.	20 215	20 218
Prices € plus VAT	**16,984.00**	**20,712.00**

Saw blades equipped with hard metal price per item

	Order no.	€ plus VAT	Order no.	€ plus VAT
350 x 4.2 x 32 mm / 54 T / (pos.)	21 532	**107.00**	21 532	**107.00**
350 x 4.2 x 32 mm / 72 T / (pos.)	21 534	**112.00**	21 534	**112.00**
350 x 3.4 x 32 mm / 96 T / (pos.)	21 535	**114.00**	21 535	**114.00**
350 x 3.4 x 32 mm / 112 T / (neg.)	21 537	**120.00**	21 537	**120.00**

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Recommended accessories

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Order no. 19 423 — € plus VAT
Starter-Kit 1 — **226.00**
for saws with standard cooling
2 saw blades 96 teeth (pos.)
5 l coolant concentrate

Order no. 19 425 — € plus VAT
Starter-Kit 2 — **344.00**
for saws with micro spraying system
2 saw blades 96 teeth (pos.)
5 l Coolmatic Special Fluid

Accessories Velox 350 VA

Levelling elements (1 set = 4 items) for fully automatic	999031	p. set **112.00**
Special prismatic jaws for bundle cuts and thin-walled tubes (Only usable in connection with roller conveyor RS 300 + slanting rollers)	506530	**640.00**
Special clamping jaws for oddment cutting to 210 mm	000942	**338.00**
Chipping extraction unit, movable, 2,800 min.$^{-1}$ Air flow rate 1,500 cbm/h, Motor 400 V / 0.7 kW (38 kg)	20 590	**1,199.00**
Material support column, roller width 260 mm height-adjustable from 800 -1150 mm (8 kg)	20 855	**123.00**
B&S Super Cool Coolant concentrate for integrated standard cooling water soluble from 1:5 to 1:15 5 l canister	20 805	**57.00**
10 l canister	20 810	**101.00**
B&S COOLMATIC PLUS Micro spraying system 24 V/AC including 1 l fluid, spray head and holder	20 625	**816.00**
B&S Super Coolmatic Special Fluid Particularly suitable for the machining of aluminium and nonferrous metals Residue-free 1 l bottle	20 664	**47.00**
5 l canister	20 665	**198.00**

Accessories Velox 350 VA CNC

Preparation for the subsequent installation of the inclined loading magazines SLM 3000 and SLM 6000	Additional charge	**1,674.00**
B&S inclined loading magazine SLM 3000, for rods with a length of up to 3000 mm	21 069	**on request**
B&S inclined loading magazine SLM 6000, for rods with a length of up to 6000 mm	21 070	**on request**

For more combination possibilities, see page 80

The inclined loading magazine enables the automatic transport of all equal rods on the bevel to the machine area and to process the rods there without supervision.
Magazine length 3000 / 6000 mm
Support width 800 mm
Drive power 0.37 kW
Weight approx. 250 / 500 kg
Dimensions L = 3300-/-6300 mm, W = 900 mm, H = 1400 mm
Loading areas in mm
Tube round 10 - 90, square 10 - 80, flat 80 x 10 - 80
Solids round 10 - 40, square 10 - 40, flat 80 x 10 - 20

Automation example

Image RS 300 with length measuring device

Super roller conveyors

RS 300 K

Note: Please specify the feeding and removal sides for roller conveyors and adapters!

Feeding roller conveyor Design equal to type RS 300 but with plastic rollers **only for** VKS 370/Velox 350 fully automatic machines MPS		
Basic unit 1,000 mm with 1 support	21 008	**454.00**
Extension unit 2,000 mm with 1 support	21 013	**617.00**
Feeding / Removing roller conveyor		
Basic unit 2,000 mm with 2 supports	21 011	**768.00**
Extension unit 2,000 mm with 1 support	21 013	**617.00**
Removing roller conveyor with length measuring device		
Basic unit length 2,000 mm with 2 supports	21 014	**1,288.00**
Extension unit length 2,000 mm with 1 support	21 015	**1,098.00**
Adapter RS 300 K Complete with screw connection	21 110	**31.00**
Additional support for Super roller conveyors	690027	**140.00**
Steel carrying roller 50 x 300 mm	759398	**26.00**
Plastic carrying roller 50 x 300 mm	759800	**37.00**
Slanting rollers for bundle tensioning 1 set = 2 rollers	21 140	p. set **160.00**
Vertical rollers for lateral material support 1 set = 2 rollers	21 141	p. set **245.00**

Combination examples

× ● System compatible △ with special adapter

	Roller conveyors	URB 200/260	Page 82 ST 260	Page 85 URB 290	Page 85 URB 400	Page 83 RS 300	Page 84 RS 400	Page 84 RS 450	Page 84 RS 600	Heavy-duty	Stop and measuring systems
GBS 185		●									
GBS 218		●									
GBS 225			×	●							
GBS 240		●		●	●						
GBS 245			×	●							
GBS 250				●	●	●	●				
GBS 250 HA				●	●	●	●				
GBS 250 Super VA				●	●		●				
GBS 270				●	●	●					
GBS 305				●	●		●				
GBS 305 HA			×	●	●		●				
GBS 305 VA				●	●		●				
GBS 310/400 HA -34				●	●		△	●			
GBS 310/400 VA				●	●		△	●			
DGS 350/450 HA								●			
DGS 500/600 HA									●		
VGS 500 HA-I MPS							●				
K-tech 60/48 HA									●		
K-tech 60/48 VA									●		
K-tech 70/52										●	
SBS HA										●	
SBS VA										●	
X-tech										●	
AluJet 350			×								
MultiCut 400/ HA			×	●							
MultiCut 530 HA			×	●							
Velox 350 / PN / HA			×	●		●					
Velox 350 VA						●					
Record											
VKS 315			×	●		●					
VKS 370			×	●		●					
VKS 370 HA-MPS			×	●		●					
VKS 370 VA				●		●					

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depending on the cutting material

Easy Mess Page 82	LA length stop with roller conveyor ST 260 Page 82	LA length stop with roller conveyor ST RS 300 Page 83	LA length stop with roller conveyor RS 400 Page 84	LM 55... Page 86	LM 110... Page 87	Special design	**Pusher**	PMS 220 Page 88	**Electrical length stops**	PMA 55 NC Page 88	PMA 90 NC Page 88	**Loading magazine**	**Coolmatic** Page 88	**Double-Coolmatic**
				●									●	
				●									●	
×	×			●						●	●		●	
				●						●	●		●	
×	●			●						●	●		●	
	×	●	●	●						●	●		●	
		●	●	●	●			●		●	●		●	
		●										●	●	
		●		●							●		●	
		●	●	●	●					●	●		●	
			●	●	●			●			●		●	
			●									●	●	
		●	●	●	●			●			●		●	
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												●	●	●
×	×									●				
×	×			●						●	●		●	
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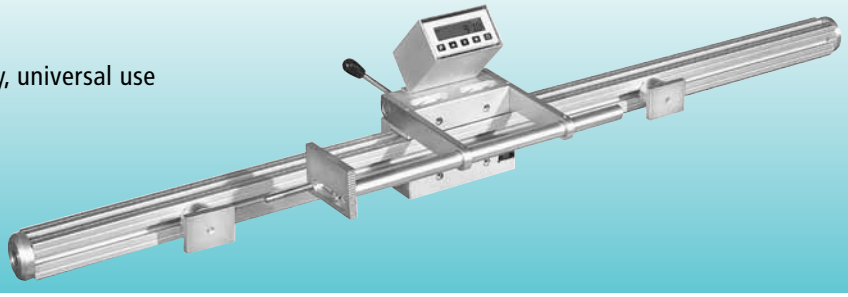
×	×	●		●	●			●		●			●	
												●	●	
×	×	●		●						●	●		●	
×	×	●		●	●					●	●		●	
×	×	●		●	●			●		●	●		●	
												●	●	

Digital length measuring system EasyMess XL

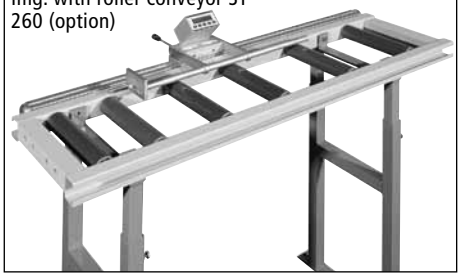
The new digital length measuring system

- State-of-the-art length measuring technology, universal use
- Digital position display
- Measurement via magnetic tape and sensor
- Measuring accuracy ± 0.1 mm/m
- Counting direction is arbitrary



EasyMess XL

Img. with roller conveyor ST 260 (option)



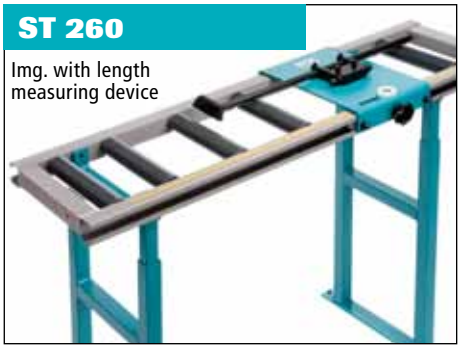
EasyMess XL digital length measuring system
Complete with stop carriage, digital display, battery, guide rail and mounting kit

Gauge length 1000 mm	20 951	**894.00**
Gauge length 2000 mm	20 952	**1,039.00**
Gauge length 3000 mm	20 953	**1,144.00**
Gauge length 4000 mm	20 954	**1,316.00**
Gauge length 5000 mm	20 955	**1,449.00**
Gauge length 5850 mm	20 956	**1,622.00**

Standard roller conveyors and measuring systems

ST 260

Img. with length measuring device



Standard roller conveyors

ST 260
Roller width 260 mm = universal use
Solid construction, with plastic rollers 50 mm Ø
Roller width 260 mm, load capacity approx. 100 kg/m
height-adjustable from 800 – 1150 mm
Shipment without adapter (connector to the machine)

Note:
Please specify the feeding and removal sides for roller conveyors and adapters!

Feeding/Removing roller conveyor

Length 1,000 mm complete with support	20 931	**442.00**
Length 2,000 mm complete with support	20 932	**478.00**
Length 3,000 mm complete with support	20 933	**525.00**
Length 4,000 mm complete with 2 supports	20 934	**716.00**
Length 5,000 mm complete with 2 supports	20 936	**791.00**
Length 6,000 mm complete with 3 supports	20 937	**934.00**

Roller conveyor with length measuring device
Measuring stop adjustable and foldable, incl. reading glass

Length 1,000 mm complete with support	20 961	**796.00**
Length 2,000 mm complete with support	20 962	**868.00**
Length 3,000 mm complete with support	20 963	**980.00**
Length 4,000 mm complete with 2 supports	20 964	**1,205.00**
Length 5,000 mm complete with 2 supports	20 966	**1,275.00**
Length 6,000 mm complete with 3 supports	20 967	**1,448.00**

Additional support for ST 260	21 000	**77.00**

Adapter feeding and removing side
for the following machine types (manual + semi-automatic)

GBS 225 Basic, GBS 245 Basic, GBS 250 Eco Range	20 987 S	**62.00**
VKS 315/370	20 980	**62.00**
AluJet	20 985	**62.00**
MultiCut Range	20 986	**52.00**
Velox 350	20 990	**62.00**

Length stop LA

Length stops

LA 500 with a gauge length of 500 mm	20 900	**259.00**
LA 1000 with a gauge length of 1000 mm	20 901	**289.00**
Support for a gauge length of 1000 mm	20 902	**85.00**

Without adapter (connecting piece to the machine)
usable for the VKS Range, Perfect 300 and Record 315 S.

Adapter for GBS 250 Eco + Super VA	20 908	**89.00**
Adapter for GBS 250 Super Range	20 909	**102.00**
Adapter for Compact 275	20 905	**58.00**
Adapter for Velox 350	20 906	**102.00**

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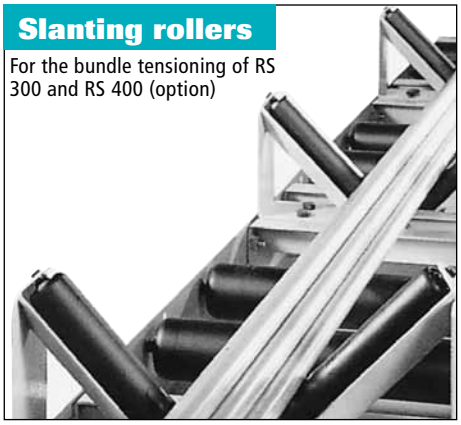
RS 300

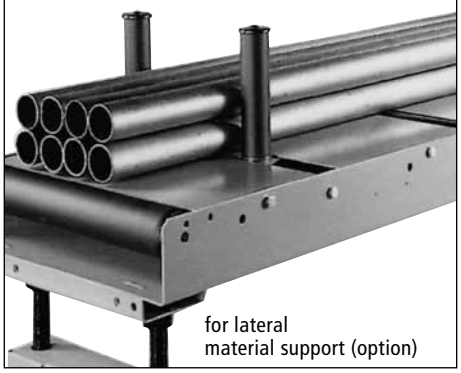
Image RS 300 with length measuring device

Slanting rollers

For the bundle tensioning of RS 300 and RS 400 (option)



Vertical rollers



for lateral material support (option)

Super roller conveyors and measuring systems

Note:
Please specify the feeding and removal sides for roller conveyors and adapters!

RS 300

Solid steel rollers with a width of 300 mm, load capacity 400 kg/m.
Extra robust construction for a high load capacity.
Easy height adjustment, stepless, from 860 - 1010 mm.
Extremely steady, easy to fix
Shipment without adapter (connector to machine).

Feeding roller conveyor		
only for VKS 370/Velox 350 fully automatic machines		
Basic unit 1,000 mm with 1 support = adapter	21 009	**454.00**
Extension unit 2,000 mm with 1 support	21 012	**546.00**
Feeding / Removing roller conveyor		
Basic unit 2,000 mm with 2 supports	21 010	**666.00**
Extension unit 2,000 mm with 1 support	21 012	**546.00**
Removing conveyor with length measuring device		
Basic unit length 2,000 mm with 2 supports	21 016	**1,082.00**
Extension unit length 2,000 mm with 1 support	21 018	**957.00**

RS 300 K

Feeding roller conveyor		
Design equal to type RS 300 but with plastic rollers		
only for VKS 370/Velox 350 fully automatic machines		
Basic unit 1,000 mm with 1 support	21 008	**454.00**
Extension unit 2,000 mm with 1 support	21 013	**617.00**
Feeding / Removing roller conveyor		
Basic unit 2,000 mm with 2 supports	21 011	**768.00**
Extension unit 2,000 mm with 1 support	21 013	**617.00**
Removing conveyor with length measuring device		
Basic unit length 2,000 mm with 2 supports	21 014	**1,288.00**
Extension unit length 2,000 mm with 1 support	21 015	**1,098.00**

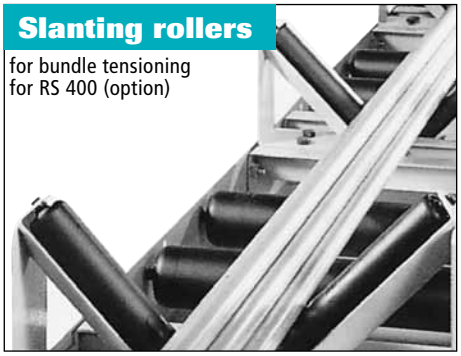
Adapter RS 300 and RS 300 K
complete with screw connection for the connection of the following machine types:

Record 315 (feeding side)	21 102	**68.00**
Record 315 (removing side)	21 112	**71.00**
VKS 315/370 + HA (feeding a. removing side)	21 104	**52.00**
Velox 350 + HA (feeding a. removing side)	21 110	**31.00**
GBS 250 Eco (feeding side)	21 106	**103.00**
GBS 250 Eco + GBS 250 Super HA-I Easy (removing side)	21 116	**108.00**
GBS 250 Super man./AutoCut/HA Easy (removing side only)	21 108	**130.00**
Additional support for Super roller conveyors RS 300 and RS 300 K	690027	**140.00**
Steel carrying roller 50 x 300 mm	759398	**26.00**
Plastic carrying roller 50 x 300 mm	759800	**37.00**
Slanting rollers for bundle tensioning		
1 set = 2 rollers (only together with special prismatic jaws)		
for Super roller conveyors RS 300/RS 300 K	21 140	p. set **160.00**
Vertical rollers for lateral material support		
1 set = 2 rollers		
for Super roller conveyors RS 300/RS 300 K	21 141	p. set **245.00**

Super roller conveyors and measuring systems

Slanting rollers

Img. RS 400 with length measuring device



Slanting rollers
for bundle tensioning
for RS 400 (option)

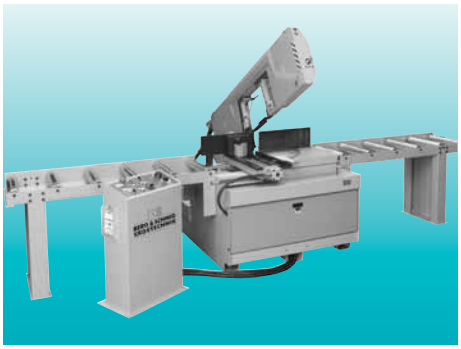
RS 400

Design equal to type RS 300 **but roller width: 400 mm** and height-adjustable from 870 - 1010 mm, load capacity 400 kg. **Shipment without adapter (connector to machine**).

Note:
Please specify the feeding and removal sides for roller conveyors and adapters!

Feeding / Removing roller conveyor		
Basic unit 2,000 mm with 2 supports	21 020	**774.00**
Extension unit 2,000 mm with 1 support	21 021	**649.00**
Removing conveyor with length measuring device		
Basic unit length 2,000 mm with 2 supports	21 026	**1,401.00**
Extension unit length 2,000 mm with 1 support	21 028	**1,288.00**
Adapter RS 400 complete with screw connection for the connection of the following machine types:		
Adapter GBS 250-/-305 VA Feed side not required / removing side on request		
Adapter GBS 305 AutoCut + HA-I + VA (Removing) Feed side not required	21 120	**135.00**
VGS 500 HA-I (Feeding - mounted on the right side)	21 125	**37.00**
VGS 500 HA-I (Feeding - mounted on the right side) combined with hand crank and roller for manual work piece lifting and feed (not usable in connection with the digital roller conveyor)	21 130	**567.00**
VGS 500 HA-I (Removing - mounted on the left side)	21 135	**94.00**
UKS 425 (Removing side)	21 126	**94.00**
UKS 425 (Feeding side)	21 127	**94.00**
Additional support for Super roller conveyors RS 400	690027	**140.00**
Steel carrying roller 60 x 400 mm	759501	**32.00**
Slanting rollers for bundle tensioning 1 set = 2 rollers (only together with special prismatic jaws) for Super roller conveyors RS 400	21 142	p. set **229.00**
Vertical rollers for lateral material support 1 set = 2 rollers for Super roller conveyors RS 400	21 143	p. set **266.00**

Roller conveyors for the DGS Range

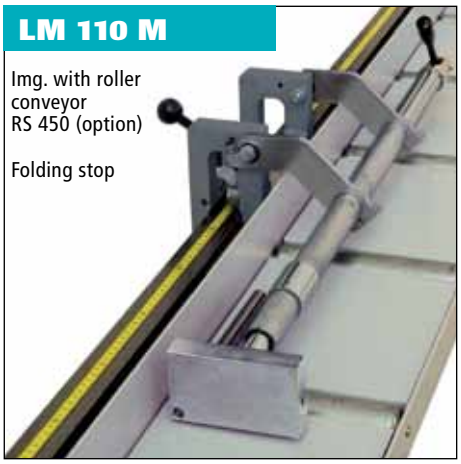


RS 450
Heavy roller conveyor design, roller width 450 mm
5 rollers Ø 76 mm, load capacity per roller 550 kg
Support height 845 mm
Very steady, easy to fix
Feeding/Removing roller conveyor

Note:
Please specify the feeding and removal sides for roller conveyors and adapters!

Unit 1500 mm	21 040	**1,061.00**
RS 600 Design equal to RS 450 Roller width 600 mm, support height 805 mm	21 045	**1,254.00**

LM 110 M



Img. with roller conveyor RS 450 (option)

Folding stop

Length measuring decive LM 110 M
for the mounting of roller conveyors RS 450/600
complete with stop carriage, tape measure, guide rail and mounting kit

Gauge length 1500 mm	21 772	**1,322.00**
Gauge length 3000 mm	21 774	**1,497.00**
Gauge length 4500 mm	21 776	**1,813.00**
Gauge length 6000 mm	21 778	**1,988.00**

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URB 290/400

Img. without metal sheet inserts

Shipment without metal sheet inserts
and adapters (connector to the machine)

Note:
Please specify the feeding and removal sides for roller conveyors and adapters!

URB 290
Roller width 290 mm, optionally steel or plastic rollers.
Applicable for circular and band sawing machines.
Load capacity 400 kg/m, height-adjustable

Length 1,000 mm with 1 support	21 701	**368.00**
Length 2,000 mm with 1 support	21 702	**549.00**
Length 3,000 mm with 2 supports	21 703	**874.00**
Length 4,000 mm with 2 supports	21 704	**1,061.00**
Length 5,000 mm with 3 supports	21 705	**1,380.00**
Length 6,000 mm with 3 supports	21 706	**1,567.00**

URB 400
Roller width 400 mm, optionally steel or plastic rollers.
Applicable for circular and band sawing machines.
Load capacity 400 kg/m

Length 1,000 mm with 1 support	21 721	**394.00**
Length 2,000 mm with 2 supports	21 722	**592.00**
Length 3,000 mm with 2 supports	21 723	**948.00**
Length 4,000 mm with 2 supports	21 724	**1,151.00**
Length 5,000 mm with 3 supports	21 725	**1,503.00**
Length 6,000 mm with 3 supports	21 726	**1,700.00**

Option for roller conveyors URB 290 and URB 400:

- Sheet metal inserts (per m roller conveyor)	21 708	**66.00**
- Additional support for freestanding roller conveyor and GBS 250/305 VA requ. (height-adjustable from 850 to 1,150 mm)	21 709	**173.00**
- Cross beam for freestanding roller conveyors up to 2.000 mm	21 710	**96.00**
- Material protection system consisting of: 2 vertical rollers + 2 safety stops	999999	**155.00**
- Feeding and removing adapter (connection piece to the machine)	21 715	**81.00**

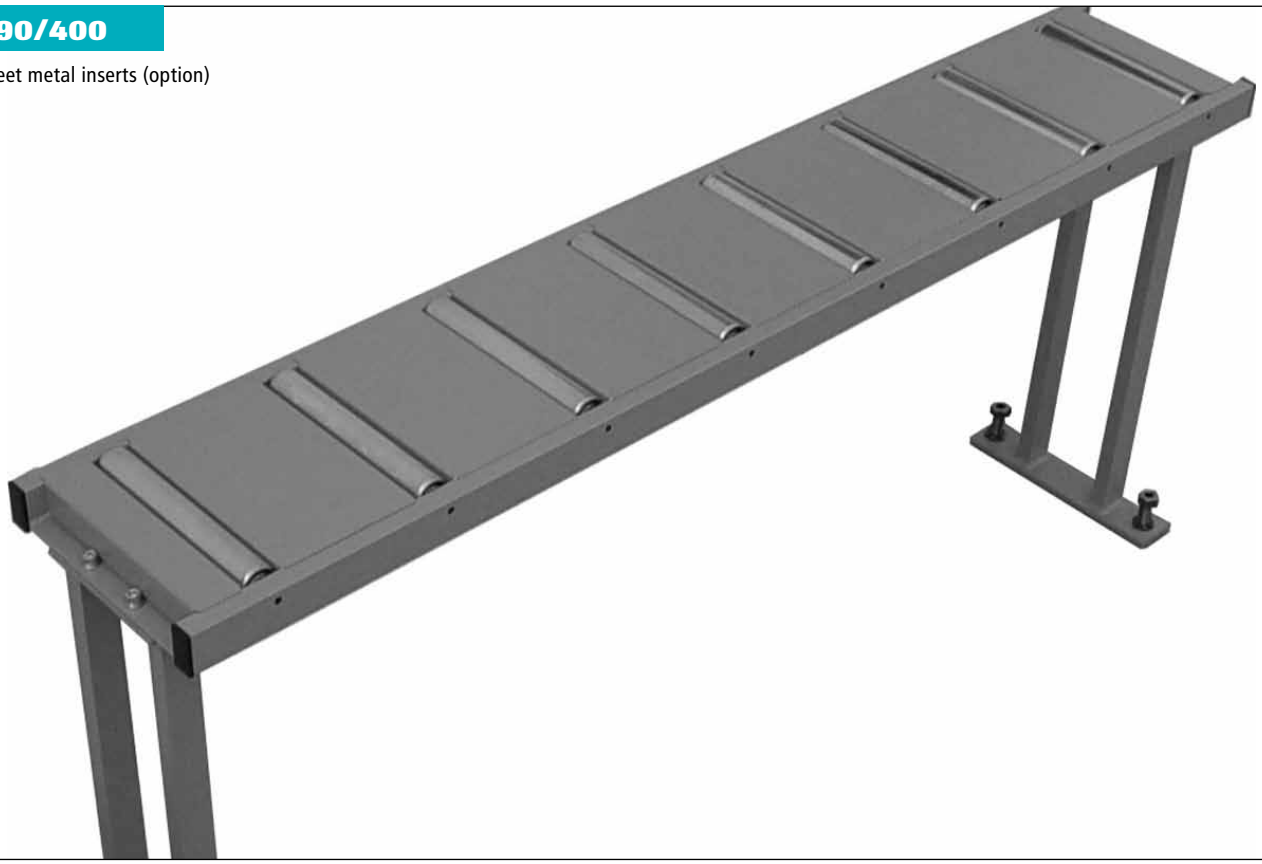
Optional accessories for mitre band saws:

Roller conveyor front structure for mitre angles up to 60° right side design (removing side)
required for the following designs:
GBS 225 Range, GBS 245 Range, GBS 250 Range, GBS 305 Range — 21 716 — **216.00**

Roller conveyor front structure for mitre angles up to 45° left hand design (feed side)
required for the following designs:
GBS 305 AC, GBS 305 HA Range — 21 717 — **216.00**

URB 290/400

Img. with sheet metal inserts (option)



Important information: according to the Accident Prevention Regulations, sheet metal inserts are mandatory for the use of automatic measuring systems.

Stop and measuring systems

LM 55 M

Arm + spring protection (option)
Folding stop

LM 55 M (without roller conveyor) tape measure
Manual length stop complete with stop carriage,
tape measure, guide rail, mounting kit
Solid design with double arm pinion.
4-fold Ball bearing mounted carriage with high holding power.
Application area: GBS 245 Basic/GBS 250/GBS 305/VKS 315/VKS 370
Roller conveyors URB 290/URB 400 (page 30)

Gauge length 1,000 mm	21 731	**687.00**
Gauge length 2,000 mm	21 732	**687.00**
Gauge length 3,000 mm	21 733	**837.00**
Gauge length 4,000 mm	21 734	**948.00**
Gauge length 5,000 mm	21 735	**1,013.00**
Gauge length 6,000 mm	21 736	**1,119.00**

LM 55 D

Folding stop
With man. fine adjustment

LM 55 D (without roller conveyor) Digital
Manual length stop with digital position display.
Solid design with double arm pinion.
4-fold Ball bearing mounted carriage with high holding power.
Positioning accuracy ± 0.10 mm /m
Very accurate magnetic tape encased by a start and end piece
Direct measuring, data transmission via cable, protected / guided via a cable drag chain.
Additional manual fine adjustment for extra accurate positioning.
Application area: GBS 245 Basic/GBS 250/GBS 305/VKS 315/VKS 370
Roller conveyors URB 290/URB 400 (page 30)

Gauge length 1,000 mm	21 741	**2,052.00**
Gauge length 2,000 mm	21 742	**2,052.00**
Gauge length 3,000 mm	21 743	**2,260.00**
Gauge length 4,000 mm	21 744	**2,473.00**
Gauge length 5,000 mm	21 745	**2,681.00**
Gauge length 6,000 mm	21 746	**2,900.00**

LM 55 DH

Img. with URB roller conveyor (option)
Folding stop
with pneumatic
arm retraction

LM 55 DH (without roller conveyor) **Digital + hand wheel**
Manual length stop with digital position display and
hand wheel adjustment. High holding power through pneumatic clamping
Solid design with double arm pinion.
4-fold Ball bearing mounted carriage.
Positioning accuracy ± 0.10 mm /m
Very accurate magnet tape encased by a start and end piece.
Direct measuring, data transmission via cable, protected / guided via a cable drag chain.
Application area: GBS 245 Basic/GBS 250/GBS 305/VKS 315/VKS 370
Roller conveyors URB 290/URB 400 (page 30)

Gauge length 1,000 mm	21 751	**2,964.00**
Gauge length 2,000 mm	21 752	**2,964.00**
Gauge length 3,000 mm	21 753	**3,369.00**
Gauge length 4,000 mm	21 754	**3,752.00**
Gauge length 5,000 mm	21 755	**4,168.00**
Gauge length 6,000 mm	21 756	**4,584.00**

Option for length stops LM 55 M / LM 55 D / LM 55 DH / LM 110 M/D

- Arm with shock absorber spring	21 748	**189.00**
- Pneumatic arm retraction (sheet metal inserts for roller conveyors requ.) You adjust the length and lock it. During the cutting process, the material is declamped by approx. 50 mm. For further positioning and cutting restart the machine by pushing reset. As a standard, we connect the arm retraction with the saw.	21 749	**861.00**

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LM 110 M

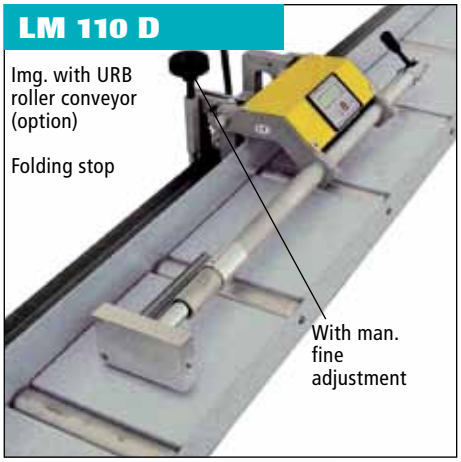
Img. with roller conveyor RS 450 (option)

Folding stop

LM 55 M stable design (without roller conveyor) **tape measure**
Manual length stop complete with stop carriage, tape measure and guide rail.
Very solid design with double arm pinion and eccentric relief of the stop.
Positioning accuracy ± 0.10 mm /m
Application area: GBS 245 Basic/GBS 250/GBS 305/VKS 315/VKS 370
Roller conveyors URB 290/URB 400 (Seite 30)

Gauge length 1,000 mm	21 771	**1,029.00**
Gauge length 1,500 mm	21 772	**1,301.00**
Gauge length 2,000 mm	21 773	**1,322.00**
Gauge length 3,000 mm	21 774	**1,497.00**
Gauge length 4,000 mm	21 775	**1,647.00**
Gauge length 4,500 mm	21 776	**1,813.00**
Gauge length 5,000 mm	21 777	**1,823.00**
Gauge length 6,000 mm	21 778	**1,988.00**

LM 110 D



Img. with URB roller conveyor (option)

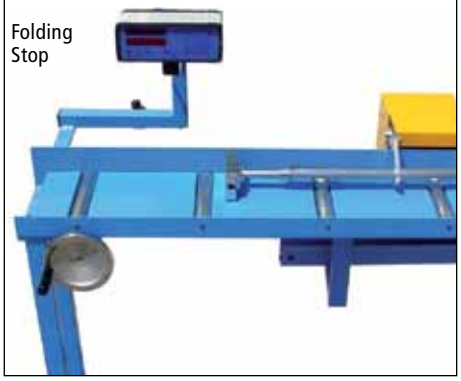
Folding stop

LM 110 D stable design (without roller conveyor) **Digital**
Manual length stop with **digital position display,**
complete with stop carriage, tape measure and guide rail.
Very solid design with double arm pinion and eccentric relief of the stop.
Positioning accuracy ± 0.10 mm /m
Very accurate magnetic tape encased by a start and end piece
Direct measuring, data transmission via cable, protected / guided via a cable drag chain.
Additional manual fine adjustment for extra accurate positioning.
Roller conveyors URB 290/URB 400 (page 30)

Gauge length 1,000 mm	21 791	**3,177.00**
Gauge length 1,500 mm	21 792	**3,369.00**
Gauge length 2,000 mm	21 793	**3,369.00**
Gauge length 3,000 mm	21 794	**3,630.00**
Gauge length 4,000 mm	21 795	**3,817.00**
Gauge length 4,500 mm	21 796	**4,030.00**
Gauge length 5,000 mm	21 797	**4,030.00**
Gauge length 6,000 mm	21 798	**4,248.00**

LM 110 DH

Imgage with URB roller conveyor (option)



Folding Stop

LM 110 DH stable design (without roller conveyor) **Digital + hand wheel**
Manual length stop with **digital position display** and
hand wheel adjustment. Including pneumatic arm retraction and
pneumatic clamping of the carriage.
Solid design with double arm pinion.
Positioning accuracy ± 0.10 mm /m
Very accurate magent tape encased by a start and end piece.
Direct measuring, data transmission via cable, protected / guided via a cable drag chain.
Application area: GBS 245 Basic/GBS 250/GBS 305/VKS 315/VKS 370
Roller conveyors URB 290/URB 400 (page 30)

Gauge length 1,000 mm	21 811	**6,705.00**
Gauge length 2,000 mm	21 813	**6,705.00**
Gauge length 3,000 mm	21 814	**7,131.00**
Gauge length 4,000 mm	21 815	**7,793.00**
Gauge length 5,000 mm	21 817	**8,219.00**
Gauge length 6,000 mm	21 818	**8,987.00**

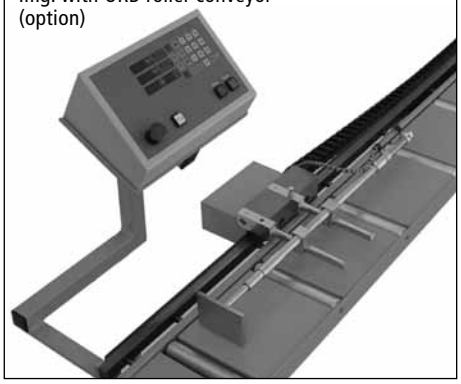
Option for length stops LM 55 M / LM 55 D / LM 55 DH / LM 110 M/D

- Arm with shock absorber spring	21 748	**189.00**
- Pneumatic arm retraction (sheet metal inserts for roller conveyors requ.) You adjust the length and lock it. During the cutting process, the material is declamped by approx. 50 mm. For further positioning and cutting restart the machine by pushing reset. As a standard, we connect the arm retraction with the saw	21 749	**861.00**

Stop and measuring systems

PMA 55 NC

Img. with URB roller conveyor (option)



PMA 55 NC (without roller conveyor)
NC controlled positioning stop with automatic
servo drive and 1 program control.
Positioning accuracy ± 0.10 mm /m
incl. metal sheet inserts for the roller conveyor
After entering the length and the start, the system automatically
positions the programmed length. The system has a programmable free travel function.
You program: length, quantity and free travel.
The system is connected to the machine.

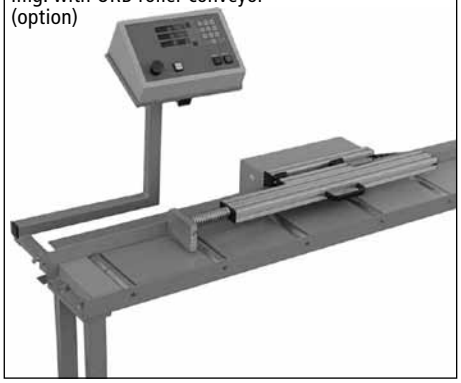
Gauge length 1,000 mm	21 841	**5,647.00**
Gauge length 2,000 mm	21 842	**5,647.00**
Gauge length 3,000 mm	21 843	**6,188.00**
Gauge length 4,000 mm	21 844	**6,666.00**
Gauge length 5,000 mm	21 845	**7,264.00**
Gauge length 6,000 mm	21 846	**7,628.00**

Option:

- Memory control with 3000 programming spaces	21 848	**1,066.00**
- Arm with shock absorber spring	21 748	**189.00**

PMA 90 NC

Img. with URB roller conveyor (option)



PMA 90 NC (without roller conveyor)
NC controlled positioning stop with automatic
servo drive and 1 program control.
Positioning accuracy ± 0.10 mm /m
incl. metal sheet inserts for the roller conveyor, incl. arm with shock absorber spring
Very solid positioning unit.
After entering the length and the start, the system automatically
positions the programmed length. The system has a programmable free travel function.
You program: length, quantity and free travel.
The system is connected to the machine.

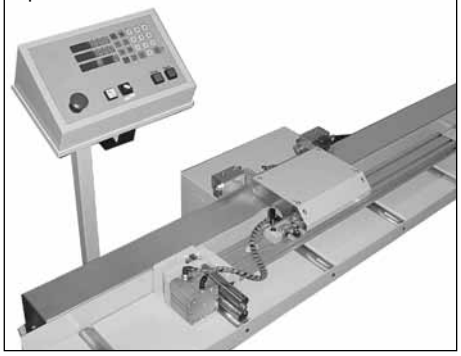
Gauge length 1,000 mm	21 861	**7,883.00**
Gauge length 2,000 mm	21 862	**7,883.00**
Gauge length 3,000 mm	21 863	**8,585.00**
Gauge length 4,000 mm	21 864	**9,277.00**
Gauge length 5,000 mm	21 865	**9,958.00**
Gauge length 6,000 mm	21 866	**10,650.00**

Option:

- Memory control with 3000 programming spaces	21 848	**1,066.00**

PMS 220 NC

Img. with URB roller conveyor (option)



PMS 220 NC (without roller conveyor)
NC positioning system for the automation of semi-automatic machines
incl. memory control with 3000 program spaces,
incl. pneumatic shock absorber spring.
Different lengths and quantities programmable.
Max. feed weight 200 kg.
Positioning system is also usable as length stop.
Positioning accuracy ± 0.10 mm /m
Application: you are mainly cutting in semi-automic mode, but you also have (small) series
for which an automatic machine is useful. With the pusher, the saw quickly
becomes a fully automatic machine. You only program the length and quantities as required. The system can be converted into a positioning system quickly and easily. Here, the recommended material size is up to 200 mm.

Gauge length 2,000 mm	21 882	**14,825.00**
Gauge length 3,000 mm	21 883	**15,714.00**
Gauge length 4,000 mm	21 884	**16,416.00**
Gauge length 5,000 mm	21 885	**17,326.00**
Gauge length 6,000 mm	21 886	**18,023.00**
- Connection of the positioning system with the machine (operation time)	21 888	**1,712.00**

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BERG & SCHMID SÄGETECHNIK
...the future has started

The new Coolmatic for a finely dosed environmentally friendly permanent cooling!

PLUS Optimum dosage of the medium directly on the nozzle throughose-in-hose-system

PLUS Short start-up time due to the high pump pressure through the dosing pump

PLUS Maximum operational safety due to the pressureless lubricant tank

- Environmentally friendly due to the minimum (approx. 8-15 ml per hour.)
- Easy disposal of chipping
- No subsequent cleaning processes for the further processing of the work piece

B & S COOLMATIC PLUS

For B&S- and third-party machines:

B&S COOLMATIC PLUS micro spraying system incl. 1 l Fluid		
24 Volt AC (W)	20 625	**816.00**
24 Volt DC (G)	20 626	**816.00**
230 Volt	20 627	**816.00**
Spare parts		

Spray head with holder for:

MBS 170 S	20 647	**60.00**
GBS 225 Basic	20 638	**60.00**
GBS 245 Basic	20 651	**60.00**
GBS 250	20 639	**60.00**
GBS 305, VGS 500, DGS 350 / 450, DGS 500 / 600	20 648	**60.00**
Perfect 300, Record 315 S	20 652	**71.00**
Velox 350, Compact 250 / 275, AluJet 350, MultiCut 400 + HA, MultiCut 530 HA	20 650	**71.00**
VKS 315	20 644	**87.00**
VKS 370	20 649	**98.00**
UKS 425	20 645	**98.00**

Spray head with holder for the retrofit of third party machines:

Circular metal saws with saw blades up to 370 mm Ø for the fixation on the top and the sides	20 655	**71.00**
Band saw machines with a band width of up to 34 mm	20 658	**71.00**
Universal nozzle with 300 mm flexible hose and magnetic base	20 659	**135.00**

Band grinder

Universal band grinder UBS 75

Standard equipment:
– Maximum grinding performance due to a large contact wheel Ø 200 mm
– Large-scale plane grinding surface 605 mm length
– Optimum grinding results due to vibration free operation
– Powerful 3 kW-motor (5 years guarantee)
– Grinding band exchange in a matter of seconds, no tools required
– Central connecting piece
Motor 400 V / 3 kW
Incl. 1 special grinding band with grain 60
Band speed 30 m /sec., weight approx. 90 kg — 40 510 — **893.00**

Accessories UBS 75

Special grinding bands 75 x 2.000 mm

Grain 36	Packaging unit: box = 10 items	40 610	box **101.00**
Grain 60	Packaging unit: box = 10 items	40 623	box **85.00**
Grain 80	Packaging unit: box = 10 items	40 624	box **85.00**
Grain 120	Packaging unit: box = 10 items	40 626	box **80.00**

Saw bands / saw blades

Saw bands for machine types, which are no longer on offer

Universal-bi-metal saw bands quality HSS-Biflex-Cobalt M 42
with variable tooth pitch

For assembly band saw MBS 160 2000 x 19 x 0.90 mm
4- 6 tpi no. 21 960 6-10 tpi no. 21 962 14 tpi no. 21 964 **27.00**

For assembly band saw MBS 210 2465 x 20 x 0.90 mm 21 964
4- 6 tpi no. 21 980 6-10 tpi no. 21 982 8-12 tpi no. 21 983 **31.00**
14 tpi no. 21 984

Special Berg & Schmid bi-metal saw bands quality HSS Biflex M 42
for stainless steels and the heaviest use
For mitre band saw GBS 270-/-BS 340 fully automatic machine 3440 x 27 x 0.90 mm
2- 3 tpi no. 22 023 3- 4 tpi no. 22 024 4- 6 tpi no. 22 026 **54.00**
5- 8 tpi no. 22 028 6-10 tpi no. 22 030 8-12 tpi no. 22 032
10-14 tpi no. 22 034

Universal bi-metal saw bands 1335 x 13 x 0.65 mm for MBS 85
Quality HSS-Biflex/M 42
Packaging unit: box = 3 items box **49.00**
6-10 tpi no. 21 940 8-12 tpi no. 21 942 14 tpi no. 21 944
18 tpi no. 21 938

Universal bi-metal saw bands 1440 x 13 x 0.65 mm for TBS 102
Quality HSS-Biflex M 42
Packaging unit: box = 3 items box **52.00**
4 tpi no. 21 945 6-10 tpi no. 21 946 8-12 tpi no. 21 947
10-14 tpi no. 21 948 18 tpi no. 21 949

Universal bi-metal saw bands 1735 x 13 x 0.90 mm for TBS 150
Quality HSS-Biflex/M 42 (also usable for MBS 130/150)
4 tpi no. 21 950 6-10 tpi no. 21 952 14 tpi no. 21 954 **23.00**

Universal bi-metal saw band quality HSS-Biflex M 42, 2140 x 20 x 0.90 mm for MBS 170
4-6 tpi no. 21 970 6-10 tpi no. 21 972 8-12 tpi no. 21 973
10-14 tpi no. 21 974 **27.00**

Universal bi-metal saw band 2530 x 20 x 0.90 mm for GBS 220 Basic (until March 2006)
Quality HSS-Biflex M 42 with variable tooth pitch
4- 6 tpi no. 21 986 5- 8 tpi no. 21 987 6-10 tpi no. 21 988 **35.00**
8-12 tpi no. 21 989 10-14 tpi no. 21 990 18 tpi no. 21 991

Berg & Schmid circular metal saw bands for aluminium

Berg & Schmid saw blades equipped with hard metal		
350 x 30 mm, without side holes, 84 teeth (neg.)	21 540	**154.00**
400 x 30 mm, without side holes, 96 teeth (pos.)	21 545	**194.00**
500 x 30 mm, with 2 SH 8/63 mm, 120 teeth (pos.)	21 550	**310.00**
530 x 30 mm, with 2 SH 8/63 mm, 120 teeth (pos.)	21 555	**532.00**
Berg & Schmid saw blades equipped with hard metal without side holes		
350 x 4.2 x 32 mm / 54 T / pos.	21 532	**107.00**
350 x 4.2 x 32 mm / 72 T / pos.	21 534	**113.00**
350 x 3.4 x 32 mm / 96 T / pos.	21 535	**114.00**

General information on delivery costs

1. The delivery costs for saws are approx. 1.5% to 3.0%
2. Roller conveyors w/o special requirements (your shipment request) for the shipment with a saw:
   – Length of up to 3 m EUR 40.00
   – Length of more than 3 m EUR 80.00
3. Roller conveyors and / with measuring systems are subject to high requirements regarding the measuring accuracy and require a special and careful transport
   – Length of up to 5 m EUR 140.00
   – Length of more than 5 m EUR 165.00

Costs for training / commissioning

1. Manual machines EUR 200.00
2. Semi-automatic machines EUR 280.00
3. Fully automatic machines EUR 535.00
4. Large saw units on T&M basis
5. Assembly / installation costs on T&M basis

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BERG & SCHMID SÄGETECHNIK
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Berg & Schmid circular metal saw blades

Quality HSS DMo5, with 2 SH 8/45 and 11/63 mm

250 x 2.0 x 32 mm		
200 T / TP 4 for profiles up to 3 mm wall thickness	21 252	**53.00**
128 T / TP 6 for profiles with a wall thickness over 3 mm	21 251	**53.00**
100 T / TP 8 for thick-walled profiles and solids	21 250	**53.00**
275 x 2.0 x 32 mm		
220 T / TP 4	21 277	**61.00**
140 T / TP 6	21 276	**61.00**
110 T / TP 8	21 275	**61.00**
300 x 2.5 x 32 mm		
220 T / TP 4	21 297	**83.00**
160 T / TP 6	21 296	**83.00**
120 T / TP 8	21 295	**83.00**
315 x 2.5 x 32 mm		
220 T / TP 4	21 318	**95.00**
160 T / TP 6	21 317	**95.00**
120 T / TP 8	21 316	**95.00**
100 T / TP 10	21 315	**95.00**
80 T / TP 12	21 314	**95.00**

Quality HSS DMo5, 2 SH 12/64 mm

300 x 2.5 x 40 mm		
220 T / TP 4 for profiles up to 3 mm wall thickness	21 284	**83.00**
160 T / TP 6 for profiles of more than 3 mm wall thickness	21 283	**83.00**
120 T / TP 8 for thick-walled profiles and solids	21 282	**83.00**
94 T / TP 10 for thick-walled profiles and solids	21 281	**83.00**
80 T / TP 12 for thick-walled profiles and solids	21 280	**83.00**
315 x 2.5 x 40 mm		
240 T / TP 4 for profiles up to 3 mm wall thickness	21 325	**96.00**
160 T / TP 6 for profiles of more than 3 mm wall thickness	21 324	**96.00**
120 T / TP 8 for thick-walled profiles and solids	21 323	**96.00**
100 T / TP 10 for thick-walled profiles and solids	21 322	**96.00**
80 T / TP 12 for thick-walled profiles and solids	21 321	**96.00**
70 T / TP 14 for thick-walled profiles and solids	21 320	**96.00**
350 x 3.0 x 40 mm		
280 T / TP 4 for profiles up to 3 mm wall thickness	21 353	**130.00**
180 T / TP 6 for profiles of more than 3 mm wall thickness	21 352	**130.00**
140 T / TP 8 for thick-walled profiles and solids	21 351	**130.00**
110 T / TP 10 for thick-walled profiles and solids	21 350	**130.00**
90 T / TP 12 for thick-walled profiles and solids	21 349	**130.00**
80 T / TP 14 for thick-walled profiles and solids	21 348	**130.00**
370 x 3.0 x 40 mm		
280 T / TP 4 for profiles up to 3 mm wall thickness	21 376	**179.00**
190 T / TP 6 for profiles of more than 3 mm wall thickness	21 375	**179.00**
140 T / TP 8 for thick-walled profiles and solids	21 374	**179.00**
110 T / TP 10 for thick-walled profiles and solids	21 373	**179.00**
90 T / TP 12 for thick-walled profiles and solids	21 372	**179.00**
80 T / TP 14 for thick-walled profiles and solids	21 371	**179.00**
70 T / TP 16 for thick-walled profiles and solids	21 370	**179.00**

Quality HSS-E for stainless and hard and tough profiles

250 x 2.0 x 32 mm		
200 T / TP 4 for profiles up to 2 mm wall thickness	21 256	**64.00**
128 T / TP 6 for profiles of more than 2 mm wall thickness	21 255	**64.00**
275 x 2.0 x 32 mm		
220 T / TP 4	21 274	**83.00**
140 T / TP 6	21 273	**83.00**
300 x 2.5 x 40 mm		
220 T / TP 4 for profiles up to 3 mm wall thickness	21 290	**106.00**
160 T / TP 6 for profiles of more than 3 mm wall thickness	21 289	**106.00**
120 T / TP 8 for thick-walled profiles and solids	21 288	**106.00**
94 T / TP 10 for thick-walled profiles and solids	21 287	**106.00**
80 T / TP 12 for thick-walled profiles and solids	21 286	**106.00**
315 x 2.5 x 40 mm		
240 T / TP 4 for profiles up to 3 mm wall thickness	21 335	**120.00**
160 T / TP 6 for profiles of more than 3 mm wall thickness	21 334	**120.00**
120 T / TP 8 for thick-walled profiles and solids	21 333	**120.00**
100 T / TP 10 for thick-walled profiles and solids	21 332	**120.00**
80 T / TP 12 for thick-walled profiles and solids	21 331	**120.00**
70 T / TP 14 for thick-walled profiles and solids	21 330	**120.00**
350 x 3.0 x 40 mm		
280 T / TP 4 for profiles up to 3 mm wall thickness	21 365	**159.00**
180 T / TP 6 for profiles of more than 3 mm wall thickness	21 364	**159.00**
140 T / TP 8 for thick-walled profiles and solids	21 363	**159.00**
110 T / TP 10 for thick-walled profiles and solids	21 362	**159.00**
90 T / TP 12 for thick-walled profiles and solids	21 361	**159.00**
80 T / TP 14 for thick-walled profiles and solids	21 360	**159.00**
370 x 3.0 x 40 mm		
280 T / TP 4 for profiles up to 3 mm wall thickness	21 382	**218.00**

Hand presses

HK 500

HK 800

Hand presses with bent lever

HK 500

HK 800
with fine adjustment of the working heights

HK 1700 lift 60 mm
with fine adjustment of the working heights

HK 2600 lift 60 mm
incl. fine adjustment of the working heights via an angular gear with a lateral crank handle.
Convenient and easily adjustable

Hand presses with gear rack

HZ 150
HZ 250

HK 1700

HK 2600

HZ 150

HZ 250

Spare parts hand presses

Retaining spring f. HZ 150	(1 package = 5 items)	30 550	**35.00**
Retaining spring f. HZ 250	(1 package = 5 items)	30 552	**42.00**
Retaining spring f. HK 500	(1 package = 5 items)	30 560	**23.00**
Retaining spring f. HK 800	(1 package = 5 items)	30 570	**29.00**
Retaining spring f. HK 1700-/-2600 lift 40	(1 package = 5 items)	30 580	**42.00**
Retaining spring f. HK 1700-/-2600 lift 60	(1 package = 5 items)	30 579	**42.00**

Technical data	**HK 500**	**HK 800**	**HK 1700**	**HK 2600**	**HZ 150**	**HZ 250**
Pressure (kN)	5.0	8.0	17.0	26.0	1.5	2.5
Lift (mm)	40	40	60	60	40	45
Spindle bore (mm)	10 H 7	10 H 7	10 H 7	10 H 7	10 H 7	10 H 7
Table area (mm)	115 x 70	120 x 160	170 x 130	190 x 140	115 x 70	120 x 160
Floor space (mm)	115 x 175	160 x 230	260 x 130	310 x 140	115 x 175	160 x 230
Weight (approx. kg)	10.0	22.0	35.0	46.0	9.5	22.0
Order no.	30 035	30 045	30 056	30 072	30 005	30 025
Prices € plus VAT	**224.00**	**307.00**	**681.00**	**1,019.00**	**234.00**	**317.00**

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Pneumatic presses, directly acting

PND 45/S

PND 85/S

Pneumatic presses with bent lever
incl. fine adjustment of the working height via an angular gear with a lateral crank handle.
Convenient and easily adjustable

PNK 1700

PNK 3400

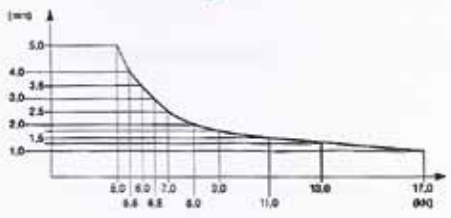
PND 45/S

PND 85/S

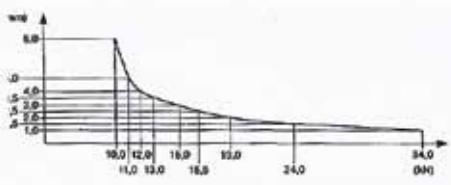
PNK 3400

PNK 1700

Compressive force diagram PNK 1700



Compressive force diagram PNK 3400



Accessories presses

Controls **Type PZ** Pneumatic two-hand safety control, connection R1/4", in the control box. Incl. throttle valve for the stepless adjustment of the lifting speed, smooth-running release keys, screw connections and connection hoses.	30 705	**796.00**
Type PZF Design equal to type PZ but switchable to foot control, incl. foot switch	30 706	**1,295.00**
Combined maintenance unit R1/4" with connection kit	30 850	**151.00**
Lift limiting ring for PNK 1700/3400	30 715	**42.00**

Technical data	**PND 45 / S**	**PND 85 / S**	**PNK 1700**	**PNK 3400**
Pressure (kN) at 6 bar	4.5	8.5	17.0	34.0
Lift (mm)	40	40	40	40
Spindle bore (mm)	12	12	12	12
Table area (mm)	160 x 110	120 x 160	190 x 140	200 x 190
Floor space (mm)	160 x 230	160 x 230	190 x 310	200 x 375
Weight (approx. kg)	24	27.0	60.0	80.0
Air connection (R)	1/4"	1/4"	1/4"	1/4"
Order no.	30 130	30 135	30 317	30 334
Prices € plus VAT	619.00	806.00	1,815.00	2,465.00

Thread cutting machine

Delta 2

Cutting area R 1/4" – 2", M 8 – M 52, Universal motor 230 V, speed 40 min^{-1}
with automatic cutting head R 1/2" – 2", with screw dies R 1/2" – 3/4" and R 1" – 2",
conical DIN 2999, **automatic cooling directly through the cutting head**,
Quick-clamping chuck, tube cutter, tube interior miller
incl. operational safety equipment with safety foot switch
as well as 3 bases. 10 205 **2,428.00**

Delta 3

Cutting area R 1/4" – 3", M 8 – M 52, Universal motor 230 V, speed 33 min^{-1}
with 2 automatic cutting heads R 1/2" – 2", R 2 1/2" – 3", with 3 sets of screw dies R 1/2" – 3/4"
and R 1" – 2", R 2 1/2" – 3", conical DIN 2999, **automatic cooling directly through the cutting head**,
Quick-clamping chuck, tube cutter, tube interior miller,
incl. operational safety equipment with safety foot switch
as well as 4 bases. 10 300 **4,678.00**

Delta 4

Cutting area R 1/4" – 4", M 8 – M 52, powerful condensator motor 230 V – 1 kW
extra quiet running. **3 speeds:** 15 + 27 + 48 min^{-1} (also under full load, integrated gear box), **with 2 automatic cutting heads** R 1/2" – 2", R 2 1/2" – 4", complete with
screw dies R 1/2" – 3/4", R 1" – 2", R 2 1/2" – 4", comical DIN 2999, **automatic cooling directly through the cutting head**, quick-clamping chuck, tube cutter, tube interior miller,
incl. operational safety equipment with safety foot switch
as well as 4 bases. 10 420 **7,692.00**

Cutting head and screw dies
for the grooving of tubes

Design "manual-hydraulic" or "manual" on request

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BERG & SCHMID GEWINDESCHNEIDEN

Cutting heads

for Berg & Schmid Delta Range and Rex thread cutting machines

Berg & Schmid machine type Rex Machine type	Mini-Delta N 40 A	Delta 2 N 50 A	Delta 3 N 80 A	Delta 4 N 100 A	Delta 6 N 150 A		
Automatic cutting heads (without screw dies) additionally as quick-change cutting head Benefit = no screw die replacement required							
Automatic cutting head R 1/2" – 1 1/2"	●					11 452	**821.00**
Automatic cutting head R 1/2" – 2"		●	●	●		11 600	**714.00**
Automatic cutting head R 2 1/2" – 3"			●			12 250	**821.00**
Automatik-Schneidkopf R 2 1/2" – 4"				●		12 305	**1,120.00**
Cutting head with hand aperture							
Cutting head R 1/4" – 3/8"	●	●	●	●		11 454	**714.00**
Cutting head							
For metric bolt threads							
M 8 – M 52 with hand aperture		●	●	●		11 615	**556.00**

Screw dies

for Berg & Schmid Delta Range and Rex thread cutting machines

Berg & Schmid Machine type Rex Machine type	Mini-Delta N 40 A	Delta 2 N 50 A	Delta 3 N 80 A	Delta 4 N 100 A	Delta 6 N 150 A		
Screw dies **for tube threads DIN 2999**							p. set
R 1/4" – 3/8"	●	●	●	●		11 460	**146.00**
R 1/2" – 3/4"	●	●	●	●		11 461	**146.00**
R 1" – 1 1/2"	●					11 462	**146.00**
R 1" – 2"		●	●	●		11 463	**146.00**
R 2 1/2" – 3"			●			12 260	**270.00**
R 2 1/2" – 4"				●	●	12 310	**286.00**
R 5" – 6"					●	12 850	**364.00**
Screw dies quality HSS **for high-strength materials** **Tube threads DIN 2999**							p. set
R 1/4" – 3/8"	●	●	●	●		11 465	**427.00**
R 1/2" – 3/4"	●	●	●	●		11 466	**427.00**
R 1" – 2"		●	●	●		11 633	**427.00**
R 2 1/2" – 3"			●			12 265	**499.00**
R 2 1/2" – 4"				●		12 311	**606.00**
Screw dies **for cylindrical tube threads**							p. set
R 1/2" – 3/4"	●	●	●	●		11 641	**161.00**
R 1" – 2"		●	●	●		11 643	**161.00**
Screw dies **for tube threads NPT**							p. set
R 1/4" – 3/8"	●	●	●	●		11 470	**151.00**
R 1/2" – 3/4"	●	●	●	●		11 471	**172.00**
R 1" – 1 1/2"	●					11 472	**172.00**
R 1" –v2"		●	●	●		11 473	**172.00**
R 2 1/2" – 4"				●		12 315	**291.00**

Screw dies DIN 13 ISO for metric bold threads per set p. set

for Berg & Schmid Mini-Delta, Delta 2/3/4 (consider the cutting range) 11 680 **182.00**
for Rex N 40 A, N 50 A, N 80 A, N 100 A 11 689

M 8, 10, 12, 14 – 16, 18 – 20 – 22, 24 – 27, 30 – 33, 36 – 39, 42 – 45, 48 – 52.

The underlined thread sizes may be cut using one set of screw dies.

Cutting wheel for all Delta-machines 63 254 **26.00**

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- The prices are subject to change, in €plus the legal VAT, plus packaging, shipping, transportation, unloading, installation and, if necessary, training costs.
- Prices for band saws incl. 1 HSS-Biflex saw band. Circular saws without sax blade.
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